# THE TIMES Higher Education Supplement

# Venables' national plan backed by OU senate

A hallowed programme of adult calu-cation, clong the lines proposed in the Venibles report published last December, received overwhelming support at a meeting of the Open University yesuate this week.

Some 200 werehers assessed assessed to a positive attitude in the university towards continuing education.

Some 300 members agreed a resnlotion that the university should shopt in principle a commitment to a programme of continuing colora-tion on the scale employed in the

would not detract from present and planned undergraduate provision and provided that the details of hoplemeotonion are found to

The endorsement by the Open Holoristy Is considered to be o major step in is development, and marks its embarkation on the second part of its charter, to "promote the odurotham well-being of the community generally"

the community generally".

Sir Walter Perry, the Open Driversity's vice-chanceller, told The THES this week: I see this country of the Class change was a long to the Class change with the this change was a long to the Class change with the Class change was a long to the Class change with the Class change was a long to the Class change with the Class change was a long to the Class change with the Class change was a long to the Class change with the Class change was a long to the Class change with the Class change was a long to the Class change with the Class change was a long to the Class change with the Class change was a long to the Class change with the Class change was a long to the Class change with the Class change was a long to the Class change with the Class change with the Class change was a long to the Class change with the Class change The THES this week: I see this as the first significant step down an important new road for the Open University." He said that a fell starement on the proposal would be prepared for the Oepartment of Education and Science and Science and the naiversity would put in a bid for DES funds to cover the new programme prior to the frieuminm 1980-1982.

by Frances Gilib

A major proapsal is then the Open University sets up a Centre to Continuing Education to develop towards continuing education.

A delacy is to be set up to consider and formulate university policy on continuing education.

The Venibles repair was produced by a 13-member report was produced by a 13-member committee under Sr Peter Venubles, first prachacellor of the Open University It mas set up by the university by May 1975 to look at the contribution it could make to continuing califerities

10-year people in adult education, cent.

10-year people for adult education, involving a total injectio and £50m.

10 Narional Cooncil for Adult and high kirel of memployment. u National Council for Adult and Courinning Education with the power to allocate lands and recon-ments that the Open University simuld bloom courses of general adult concern in collaboration with

The schate agreed 15 resolutions which broadly covered most of the repart's recommendations. The details of how these would be implemented are to be worked out by resolving agreement to be some as absenter. working groups to be ser up shortly.

The amount of money to be allo-cated to continuing education has cated in continuing education has yet to be decided, although £20,000 has been set uside us " petty cush."

A High Court induc less ordered North East London Polytechnic to reagen o social work traduling course closed by Or George Broson,

High Court judge

orders NELP

to reopen course

The move follows a long-running dispute between the college, the joint chaeution committee of the three London buroughs which maintain it and the Central Council for Education and Trojuing in Social Work over an application to join th ecourse by Mr Surech Vyas, a practising educatino welfare officer omployed by Newlam, one of the

Mr Vyas was refused admission to the social work programme earller this year after being intorriewed by a special panel which included an Inner Loudon Educo- Dr David Owen viewing the fibres tion Authority official. The ef a mussel after opening a now decision provoked the three funding boroughs to order the complete clasure of the course.

But this week, following the High Court decision secured by NELLE's students' mikut, Mr. Vyas was allowed to cural, although this

Dr Brasan, who last mouth counplied with the joint education asked to give 50 pener towards generated by find world intending scholarships for little World world liams hald.

More than 80,000 students will be support from every student and acatemy find another country. Mrs. Williams hald.

Scholarships for little World liams hald.

Will being organized by the World Will be been country. Mrs. Will being organized by the World Covernment support for a general refused that envoluments were taking.

Will began to active it world.

Will began organized by the World Covernment support for a general refused that envoluments were taking.

Will began to active it world.

Will began considered and it is

# 'influenced by gender'

Sex is more important in determining a university graduate's own prospects than the subject he or she studied, occording to a report from the National Union of Students.

In its submission on higher education and sindent employment to the Department of Employment and the Department of Education and Science, the union also says that 15.3 per cent of polytechnic graduates were still seeking permanent employment in the Department. nent employment in the Derember of 1476 compared with 6.6 per cent of school leavers. The equivalent figure for universities was 11.1 per

applica science women graduates om universities suggests employer discrimination against women. At the end of 1976 12.1 per cer

of women university graduates in or teomer university graduates in applied science were still lunking for permaneur jobs compared with 6.5 per cent of mea. In polyteclinics there is a much closer correlation between the course and lob destination. job destination.
The NUS comments that person

nel and weffare were overwhelm-ingly regarded as women's work whereas financial work such as accumulancy was seen as largely

the prerogative of men.
The union wants the Government to consider widening the application of decisions by Employment Appeal Tribunus and to ensure that the Sex Discrimination Act is more

The submission drows dut students whit have taken Higher Stitutus what have taken righter National Diplomus are unco sought store time either polytechule or university graduntes. Only 9,9 per cent of their wore still sucking persuament employment at the end of

pulytochnies, however, HND stu-dents have better job prospects that The union reports high levels of

rad final reports high levels of gradumo unemplayment in art and losign (21.6 per cent) and in arts (27.5 por cent) in polytechnics. But it says: "The pupular turbut that artists to gain outployment is shown to be a myth. In fact, in 1976, a university myth.

to be a myth. In fact, in 1976, a university arts graduate was more likely to quin permanent employment than a polytechbic science grodiente and an HND graduate was more employable that thout both? The submission attacks the universities and polytechules for overspecialization in course provision. It says that in the universities only a officially went into jobs related to their courses and in the polytechnics, though the carrelathor is closer, there was more unemplayment.

# WUS launches 50p collection aflowed to cural, afthough this decision was due to be considered egala by the college's board. for Third World scholars

morine loboratory at the Institute

for Marine Environmental Research,

# Job prospects | Cardiff lecturers call for total appointments reform

Lecturers at University College, realist standing with observed from a total bers of the appointment of the college's system of garcrament and in particular of its appointment procedures.

The staff has also called the college of t

garerament and in particular at is apparent and inspectation which represents some 500 lecturers, expressed its disappointment at the college's future at "uphadd proper pracedures and academic standards within the college".

The call for reform the college and proper provided among here. It called for a reform of the col-

including an end to the system whereby condidates are included to unuse their external assessors.

All members of all or ine collines are included to accepted by the college mathematical accepted All members of all appointments committees should be shown correspondence between applicants and the college, and also all application forms and corrients vine before a short list is drawn up, it sld.

short list is drawn up, it sld.
It suggested also that members of appointments committees should have the power to detormbe which references are to be the many applicants are to be short-listed; thus short lists he made on the basis of the rutes of all the committee; and that the role of external assessors be clarified so that they are acknowledged.

The inquiry, chalted by Prancis was set op following the contents for the induction of the results for the jobs appeared that the role of external assessors be clarified so that they are acknowledged.

October 7, 1977 No 309

Sociologists

may censure

Prof. Gould

Professor Julius Gould, author of the controversial paraphlet elescribing Marxis infiltration in higher education, faces the possibility of disciplinary action by his fellow members of the British Sucialogical Association. The escaudye committee of the BSA this week invited Professor Gold to attend a mueting of its professional ethics committee to explain his toference to sucialogists in the pumphlet The Attack on Higher Education. It is understand the

The call for reform coal for report provoked among ker the report of an inagen pulling 22) july 22) july recent appoint

ull ministration as a compa-cation of Dr C. W. Bernic cipol. It concluded that threes concerned had be pointed by proper and as The inquiry, chaired by

# MASC to press for new clinical teachers pay scheme

science correspondent

The new Medical Academic Staff transitive CAIASUL is to press for Nurland Health Service style negotiating muchinery for clinical teachers' pay. At present there is no machinery for negotiating uni-Nuthural Health Service style mego-thating machinery for elimical teachers' pay. At present there is no unclinery for negotiating mai-versity clinical salaries, just a rou-substitute group that is tegarded as

inidequate by all parties.

MASC took shape at MASC took shape at a confer-ence in Oxford this week, attended by elluled and ence in Oxford this week, attended by clinical and precinical tearliers of from most of Britain's 11 medical re-schools. It is a nulsur of the Asso-clation of Bulversity Clinical Academic Staff and the British Medical Association's medical teachers committee and will operate as a BMA standing com-mittee.

The creation of a University the new NHS consultant cooks operate in parallel with the NHS Joint Negotiating Committee, to allopted us a major policy objective for the new group. The cum-

they were persuaded that det i AIIT general secretary Mr L Suppler, whose union datas in members among Britain is clinical teachers, says he has open tulind about what serag we be best and would welcome execute the matter out.

Be pemphet The Attack on Higher Education. It is understood thou and the BSA is particularly encerned about the mention of inte of his prominent members, Professor Hilary Rose at Bradford University.

Professor Margaret Stocey of Yorwick University, chairman of the BSA, explained it was necessary to stand firm against any possibility of a witch-hunt.

"Ye have adventigation of the bare o The first Issue any new nest alle have adopted this fairly possible procedure because it is a question of the acadentic integrity design of the acadentic integrity of disociolon members named in the pamphict. Professor Gould is kelectly entitled to urgue a thesis, by we do not see how his naming of dames was fustified, especially is light of possible consequencys for members.

# NUS want grants inquiry

A call for a working party to heak underground for 19 year-olds on the dealt with a discussion of training courses has of Students.

A call for a working party to heak courses In odvanced further edge into the dealt with In discussion been made by the National Union would look at non-odvanced faither.

of Students.

In a letter to Mrs Williams, the Secretary of State for Education. Miss Sine Slipmen, president of the online could confidence in the second confidence in th

Driversity Service (WUS) and the control of Students. Were taking in the control of the control

# key in engineering research financing

THE TIMES

Higher Education

SUPPLEMENT

After 11 yours of persecution and abuse China's dis-tinguished scientists are again heing encouraged to voice their belief in the importance of theoretical

The Central Committee of the Chinese Communist

Proty line issued a circular controlling a national conference on science. A number of cities and districts

invo been given the task of outing scientific research into good shape within the next three months. Scientists who gave up their work as a result of bull resultent by the former "radical" enthorage of the hote Mao Tse-tong are reported to be returning to their jobs.

A key statement in the compaign to restore scientific research to its pedestal was made recently by Professor Tang Ao-chiog, an eminent scientist of the University of Kirin, in Manchuria.

"More people should take up research in opplied theory and technology, which play a direct role in pushing faround production. On this basis, we must also devote a portion of manpower to the exclusive

key statement in the compaign to restore sclen-

Chinese science on long march back

The auglineering board of the Science Research Council is plan-uing to introduce unjur changes in the way it allocates its 11 in annual

tender the new scheme, expected to be endorsed by the board at its meeting next week, various areas of research would be identified as qualifying for particular support on the grounds of their contribution to national need. These "priority areas", which are likely in include fields such as microelectroales, marrier utilization and insteads. fields ", which ore likely in include fields such as microelectroales, energy utilization and uniterials aspects of medical engineering, would be given both protection and priority in the allocation of rescorch fouls.

—in particular members of the largest of the board's seven groutallucating committees, the acro-nautical and incchanical engineering committee—hove expressed con-cern that such o policy night endonger support for what the cond-cil culls "alpha quality" research in oreas which ore not given

h seemed unlikely this week the Professor Goodd would reply to the BSA's charges. His collaborator in the study, Professor Itavial Marin of the London School of School of the association some ring way. Although o policy of support of important oreas of re-scarch has been pursued by the SRC for a number of rears tho proposed changes would formalize the association some time ago.

Six of a number of rears the baser of the senior accordinging in British oniversities, is the BSA is no longer q serious the association of research twenty of the profession.

Six of a number of rears the proposed changes of rears the proposed

In particular, the board has pro-posed that initially at least 40 per cent of its research money should be allocated to priority areas. These would be identified on the basis of proposals for priority areas put forward by the individual commit-Furthermore, my research funds

nilocated to a consultace for expen-titure on a priority area trailed be returned in the board if they wore not used by the end of a particular session tuther than advicated cise-where by the consultace as tunds to but the correct peacific.

The heard hopes the net result of the new schone will be to demonof the new schome wil be to demon-strate its determination to support those areas of research which it feels to be important in the national interest, rather there merely resng to the grouts applications that It receives.

One result will be to introduce much more composition between committees bidding for research funds, as well os what the board claims will be a larger degree of ideology that the prime responsimoney between the contributes

But it is also likely to result in a nume dirigiste rule for the board. and a further step away from the doord, and a further step away from the idealogy that the prime responsibility of the SRC is to support oniversity and polytechnic research on the grounds of high scientific merit.

Concern at the implications of this

# Now flares over press closure threat

Constitution of the decision of a large to the Athlone is to publish academic books with might not otherwise have to be accepted at the press's large to publishers and other hooks accepted at the press's large to the decision of the deci

Court and Senate for Cullective Planning says it "Is disposed to press's performance emerges favour, propose" the press's closure, though the staff has not been allowed to see the report nor likely board of management's reply to it. The press's future will have to be considered by the academic council, the court and senate before o declarated by Sir Desmand Planner, the court and senate before o declarated by Sir Desmand Planner, and the content of the press's farture will have to be considered by Sir Desmand Planner, the court and senate before o declarated by Sir Desmand Planner, the court and senate before o declarated by Sir Desmand Planner, the court and senate before o declarated by Sir Desmand Planner, the court and senate before o declarated by Sir Desmand Planner, the court and senate before o declarated by Sir Desmand Planner, the court and senate before o declarated by Sir Desmand Planner, the court and senate before o declarated by Sir Desmand Planner, the court and senate before o declarated by Sir Desmand Planner, the court and senate before o declarated by Sir Desmand Planner, the court and senate before o declarated by Sir Desmand Planner, the court and senate before of the this week's target will be oble to antend.

Mt Laurie Soppor, general accretary of the AUT, said the resolution was a measure of the AUT, said the resolution was a measure of the AUT, said the resolution was a measure of the AUT, said the resolution was a measure of the AUT, said the resolution was a measure of the AUT, said the resolution was a measure of the AUT, said the resolution was a measure of the AUT, said the resolution was a measure of the AUT, said the resolution was a measure of the AUT, said the resolution was a measure of the AUT, said the resolution was a measure of the AUT, said the resolution.

The THES

of some press was set up in of some press was set up in of some press of the press

## Hongkong China's disaction and the disgrace, ostrocism and thoughing of any Chinese scientia, if expressed before the comp which inscared Mao's entourage last October. The radicals held that all science must be based of

The tadicals held that all science must be based on and immodutely relevant to the needs and experience of the workers and ponsuits. This was foithmount to a rejection of theoretical research in all fields except those most closely reloted to strategic matters such as miclear missiles. Scientists and ocademies became distillusioned as a result. Some simply singlet other jobs, while some invented illusses and even into hospitals or sanutaria.

The post-Mao leadership has taken as its hanner the late Chou En-lui's rell for modernization of scionce, defence, agriculture and industry by the end of the century. This is proving directly beneficial to the experts who enjoyed prestige and a high standard of living until the Cultural Revulution began in 1966.

While this is stimulating to technological progress in the short run, there still exists the danger, pointed out by Man, that scientless may form on elite divareout from the mundame needs of the pensants and workers.

## National need to be AUT claims 28 per cent pay increase

by Frances Gibb

University lecturers are to seek a poy rise of 16 per cent for 1977/78 it was agreed of oo emergency meeting of the Associotima of University Tenchers last woek. This would be on top of the pay claim now hefore the layerament for rises of herween 12 and 16 per cent from August 1, in settlement of the pay anomaly which cross in 1975.

If linth cloths ore met the combined vises would be between 28 and 32 per cont, bringing a lecturer's minimum salary to about £1,222 a year and a professor's average salary to man £12 fold a year.

E4,222 a year oud a professor's averago solary to over £13,000 g year.

The allowance for immual pay increases contained in the onlyersless' grant for 1977/78 is only 5 percent, innever. But the Government has indicated that it will be reviewed if pay and prices increase at a rate "substantially higher" that that allowed fur.

The annual increase hos yet in he agreed with the Universities Authorities Panel, the John pay ogentiating body between the nuiversity on hearities and the AUT, but in any case the association is anisting that it is accomilary and willout prejudice to the scalement of the

anonoly.

The further this settlement, lecturers overwhelmingly ugreed by 230 votes to nine that a mass meeting ond lably of Porlioment should be held on November 16 and some 5,000 ore expected to meend. More milliant proposals, such as not taking part in university admission procedures or heaching new surdents, falled to win support overy university in the country asking them to close for the day of the national meeting so that lecturers will be oble to meend.

Mt Laurie Soppor, general accre-

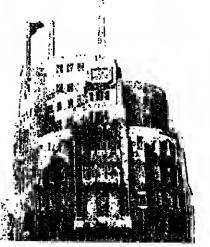
retrity presses at Moochester, Wales, Edioburgh, Liverpool and Lelcostar and that it is unfair to compare it with Oxford and Cambridge. No British noiversity press. has so far been closed.

In its report the working party chaired by Sir Desmond Plummer testimated that only 30 per cont of the books published would have the books published w Government's commitment to rectifying the anomaly.

But she emphasizes the Government's commitment "to restraining the rate of growth of aurilings" and that there was no simple way of rectifying the pay aromaly". Mr Sapper ead that hever before had the Government stood so firmly its intention to settle the pay

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Triennial polytechnic

Lecturers at Newcostle Polytechnic

Lecturers at Newcostle Polytechnic are protesting about the merger of two departments which is going obtained against the advice of acudemic and faculty boards and, they say, without adequate consultation.

The formation of a new department of electronic engineering and physical electronics out of the departments of electrical and electronic cogineering, and physics and physical electronics, was ogreed by the polytechnic council at the end of last term. Lost month the polytechnic advortised for a bead of the combined department and applications.

Staff angered by

poly reorganization

# Cambridge recurrent studies forecast

said has week.

It was expected that the numbers of mivershy first-degree students would derline in the 1980s, she said, and eveo Cauduridge rould find itself white fewer undergradianes. "Academic planning of a kind thut commot be nurrowly subject-based will be essential. The university might wish to increase its involvement in pust-experience education and training."

Cambridge, with its excaptional research and other academic resources, was particularly well placed for broodealing his pust-graduate octivities to undertake inservice training, post-exparlence

service training, post-exparience courses, conversion courses, courses, coaversion courses, refresher courses and others. Its future in the last quarter of the century would be baked in by the long-term development committee, wherein

the system of examining.

It might he necessary to spread It over a larger period, or for the examinations to be conducted in a compared with 7 per cent—may continues to provide flexibility, but the examination of its income—23 per cent—may compared with 7 per cent—may compare

the pressure in some caneses is emisiderable."

Dr Murray spoke also about the target set up by the University from the university but heen able to reserve a samples and draw on it to maintain a reasonable level of examples at Cambridge by 1950. That was "rather less" than the damher which the university expected the colleges would wish to odmit, taking into accumit increases in clinical students, Blid students from Homerton College and the first

Ombridge University may have to expand into recurrent coloration and training to cater for social needs in the next 20 years, Dr. Rosemary Morray, viro-chancellors, said last week,

It was expected that the numbers of noiversity first-degree students would derline in the 1980s, she said, and even Caushridge rould dod. Scale with formal undergraduate remainations changes would have to be unded in

Cambridge, like other universities, would be much more dependent on student numbers this session because of the much greater pro-

A call far a triential or quinquential planning system for polytechnics has been made by Mr David Bethel, director of Leleester Pulytechnic and the new chairman of the Committee of Directors of Polytechnic and the new chairman of the Committee of Directors of Polytechnics, and such a system would casure even hetter use of public money. If the present downward trend in national inflation was sustained, there was no sensible economic reason why triennial or quinquential plauning should not be lutroduced.

It was hopossible to archieve real rust-effectiveness using anound induced. It was hopossible to archieve real rust-effectiveness using anound induced. It was hopossible to archieve real rust-effectiveness using anound induced. It was hopossible to archieve real rust-effectiveness using anound induced. It was hopossible to archieve real rust-effectiveness using anound induced. It was hopossible to archieve real rust-effectiveness using anound induced in the condition of the series of the real rust-effectiveness using anound induced. It was hopossible to archieve real rust-effectiveness using anound induced. It was hopossible to archieve real rust-effectiveness using anound induced. It was hopossible to archieve real rust-effectiveness using anound induced. It was hopossible to archieve real rust-effectiveness using anound induced, and such as a further colleges still stood for the cacher training. One result of this reorganized in the floating the manter, and the formation of the foliation was antalways the case es of far training body.

While Puper for Polytechnic in the floating the polytering of the foliation was antalways the case set of the microson be expected the local and two polyters in the floating the induced was the polytering to a proposed the foliation was not leave training. One result of this reorganized to the foliation of the foliation was antalways the floating the government. In Leading the local always the case sed for mitree, which is looking at her foliation. Whether the foliation in the f

technic advortised for o head of the combined department and opplicants will be interviewed next week. Dr D. J. Vaizey, focal secretary of the Association of Polytechnic Teachers, said his members were extremely concerned on two counts: "The manner in which the decision has been taken and the effect which the decision may have on the career prospects of ladividuals within the two departments.

"For the rouncil to orrive ut o heision contrary to the recommenthe faculty boards would not he considered out of place, had the process of consultation between the various components of the polytechnic been exhausted.
"However for a decision to he

arrived at io a manuer which leaves the suspicion that the consequences the suspicion that the consciplences were not even known, lot alone taken into account, Is not conducive to any feeling of confidence."

The chairman of The National Association of Teachers in Further and ligher Education at the Polylechnic, Mr Ted Korolkiewicz, said lis unlon, too, expressed "grave for the move. 'Revise pay structure' Polytechnic administrative officers "The differing attitudes what Polytechnic administrativo officers and treasurers ought to be paid and a narional scale, a working group of finance officers has recommended. Chaired by Mr II. D. Curter, of Liverpaol Pulytechnic, the group claim polytechnics are unable to recruit appropriate staff hacause thero is no proper pay and career structure. While principals, heads of departments, lecturers and trehalicians are paid an national scales, and responsibility. The group says it has the polytechnic director final academic salaries. In more is academic salaries, in more is

aid detailed

by Patricia Santinelli

There is no question of redundancies as a result of the merger, though the unions fear that posts left vacunt as staff leave or retire will not be filled. They claim there is little ucademic justification for the more

to combine?

The cole of faculty and ucademic bourds was in doubt following the decision, he felt, and NATFIII? would be meeting the polytechnic's arting director, Dr. Laing Harden, and its chairman and vice-chairman its discuss changes in the articles of government. We will be putting certain proposals that will strengthen the democratic rule of the acadeouc boards.

NATFIE has accepted that it is too late to reverse the merger

too inte to reverse the merger derision, though the whole electrical engineering department is very

unhappy obust it, said Dr Korolklewicz, e member of the slepartment. The physicists, who have a bigger research programme but fewer students than the

engineers, are thought to be more cuthusiostic.

inconstitutional about the way the inerger was opproved—o point ingreed by the unions after taking legal office. The ocademic board had rejected the proposal by only the ingrouest of morgins, he added. The polytechnic saw the combined department, which will have a staff of 50, as a unit with great strength in research and community involvement. "The merger makes available considerable opportunities for staff development."

A spickesman for the polytechnic cuphosized that there was nothing inconstitutional about the way the

#### Young jobless Housing crisis overcome

Hull says: "Although the admissions ligure for the new session is put yet limited, it seems unlikely that yet limited, it seems unlikely that may temporary sleeping arrangements will be oecessary this year." And at Edinburgh, Mr James Wright, senior warden of the Pulluck Halls of residence, writes in the university hulletin: "We have diwated a great deal of mmey have devoted a great deal of namey and effort to this problem. We are reasonably confident that no fresher used come to university without having somewhere acceptable to live."

converting guest rooms, linen rooms and some houses which were being used for other purposes. It has also fuund extra

At Edinburgh, some 80 per cent of now atudents can be found places in residence. Mr Alax Stewart, director of the accommodation service, said: "We certainly do not anticipate on accommodution crisia this October though there may be temporary problems for those who have not made their arrodgements in advance."

This week o group of the second-

It's noly Ad Hoc 'n roll—Jim Hornsby as Eddle the Trunk, one of the characters in Rumpus,

a concedy rock operate slaged at the University of Aston, Birming-ham, by the Ad Hoc Theatre Company following a successful run of the Edinburgh Festivul.

Mr Vyas attends

reopened NELP

social work course

is likely to be a wida debato inside NELP about the summer's ovants which saw students being told by polytechnic suthorities not to attend the course, then their union going to a judge in chambera who declared this action to be outside the polytechnic's powers.

# Body begun amid attack

## NUS calls for greater local council power

hy Judich Judd

Greater powers for local nathorities over further and higher education and a notional council to channel recourses into priority areas are suggested today by the National Union of Stadems,

The proposals form part of the NUS submission to the Oakes committee which is investigating the management of higher education.

The submission, called "Ethication, and the Community—a democratic challenge", also wants community forums to be set up to give people a say in the ranning of their head colleges and profiles to be drawn up by bunds of governors outlining the needs of the community served by the college.

Ultimately, the NUS envisages the

Ultimately, the NUS crivisages the miversities being brought under the control of local education unthori-

Describing ita general attitude to the management of higher calica-tion the union says: "Ethication in the mointained sector is currently non-advanced further education that non-advanced further education meets local need ond advance FE meets national need. "This distribution is used to legi-

timize immonse inequalities in Insti-tutional financing and student financing and it stems from o cata-gorization of national and local needs that is now ill-concaived."

The union calls for a new system of funding which would remove disincentives against non-advanced further education and give back to local outhorities the responsibility for monoging and controlling further education and non-university higher education. higher education.

controversial sacial work course of North East London Polytechnic and omong the students was Mr Suresh Vyas, the Newham Borough education velfaro officer at the heart of the dispute between NELP, the local authorities controlling to the design of the local authorities controlling to the local state. The local authorities would work in conjunction with a National Council for Further, Higher and Adult Education which would pick the dispute between NELP, the local authorities controlling it and the Centrul Cauncil for Education and Training in Social Work,

Mr Vyas's application for the course was rejected cartier in the year. This provoked the joint polyteclinic committee, representing the funding boroughs of Newbern, Waltham Forest and Barking, to order chaute of the course. out areas of educational maed and draw on n national fund to estab-lish new courses.

lish new courses.

Onca such a courae was established the coucell would arrange for it to be taken over by the local nuthority. Membership of the council would come from local outhorides, educational bodies such os teoching uniaas, students, the Committee of Polytechnic Directors and the Conacil for National Academic Awards, government agencies such os the Manpower Sorvices Commission and the TUC and CBI. The union proposes that the Sucretary of State for Education.

The union proposes that the Sucretary of State for Education. thum Forest and Barking, to order cheure of the course.

Ile was admitted un the orders of the polytechaic director, Dr George Brosun, ofter the NELP student union had secured the opinion of a High Court judge that closure twas lilegal. Mr Vyns joined the course despite a lotter from the CCETSW to the polytochaic last week readmiling it that agreed procedures had been obused.

This work a group of the second. This week o group of the secondyeer students on the coarse wrote
to CCETSW expressing their unhupplaces at the possible davaluation
of their qualification.

Staff on the enurse said this week
that there is still no resolution of
the basic dispute. They do not
occept that Mr Vyas hos boen properly edmitted and are remeining
in contact with their trade union,
the National Association of Teachere in Further and Higher Education.

## EEC's postal course plans criticized

EEC proposals to regulate Heirish correspondence colleges could reduce educational opportunity for u vast runge of students, the culleges' occreditation board has told the Government.

In complems passed this week to the Deportment of Education, the Council for the Accreditation of Correspondence Colleges criticized a drair directive published during the snamer by the Commission of the European Communities as costly and inflexible.

Mr L. J. Hsrper, honorary scere-tary of the cauocil, explained to The THES: "This directive was drawn in by people who know little of our system and how it hos developed. Correspondence coileges like ours have never heen established on the confident; there ore few it any peoplies to our neverthing any peoplies. pornliels to our accreditation council with its system of inspection and periodic reinspection."

The draft directlyc secks to bring correspondence students under the undirella of consumer protection legislation and requires colleges to be much more generous in granting refunds oud nilowing students to caucel study ogreements. It puts the onus of responsibility on tha college to obtoin full official accreditotion ond to check the accuracy of its advertisements.

The objections—which also come from auch public bodles as the National end Local Government Officers Association and the Cooparative Union's college-are that the directive would allow unscrupulous students to receive course materials, duplicote them and then claim their money back. In addition tha right of relund, which statutory further education colleges do not have to pay would colleges do not have to pey, would bankrupt many colleges or causo considerable fee incrauses.

The occreditation board cloims that British sludents ore perfectly well covered by axisting consumer proteotion legisletion. The

Now back in print, two classics in anthropology by

## Lucy Mair

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From crooked faces to old pawnbrokers by David Wulker Research supported by the Social Science Research Council includes on anthropological investigation of death in Henares, a collection of the death in Henares, a collection of the nitionies of the Pollsh Polithuro in 1945, a study of the currespondence io the Honest to God runtroversy and the odds affered by bookanakers un football league

The SSRC this week published its sinual goide to the work it funds in universities, unlytechnics and specialist institutes. It is an in-valuable guide to the scope and cost of sucial scientific research. Social or such securities research. Social science work ranges from the obviously useful, such as a study of the photo-fit system for recalling laces at Aberdeen University, to the

luces at Aberdeen University, to the obviously ucademic, such as a Manchester Polytechnic project looking as the role of the pawnbroker in nipeteenth-century Loncashire.

The death in Benarcs project is heling undertaken by Dr J. P. Parry, of the London School of Reamonics. Ills aim is an fill a gap in the ethnography of South Asia by finding unmore of the various specialists ussociated with death, invisi and mouraing in Hada culture. Calleagues

eiated with death, lurish and mouraing lu Hindu culture. Culleagues at the LSR have just completed of 6,000 project collecting documents on the Polish Workers Party prior to Polish's liberation in 1945.

Frum being a theological document lishup John Rudiusan's Honest to God has now become a document for the sociology of religion. Dr R. C. Tuwler of Leeds University has completed o £7,000 study using computers to reveal some of the cotoguries of religions thought current when it was published.

Research supported by the SSRC 1977, E2.50 from SSRC, 1 Temple Avenue, London EC4Y 0BD.

## **JOURNALS** ON MICROFILM

ACCOUNTANCY

THE ACCOUNTANTS'

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Occ of these blacks of cauncil fints in Ginsgaw, nhandaned by Ichanis hecause of an alleged fire risk, amy be turned into student accommodation. Glasgaw Histrict Council is to consider turning Red Rond Caurt into student fints. The 30 storey block luns been troubled by vandalis who are believed to have storted a lire that killed a 12-year-old how recently. The city's housing department is unking rounce with Strathelyde and Glasgow Universities and local further education colleges to final out if the building sults their aceds.

# Tribunal dismisses sex discrimination claim

by Owen Surridge

Allegations of sex discrindnotion made against the Harper Adams
College of Agriculture, Newport, Salop, were dismissed as unfunned by an industrial tribunal at Salop. However, the chairmon, Mr Anthony Gordon, refused, an that half agreed incurred by the college, which

by Owen Surridge

emiocht ecadonically but sho Is not uf a type required for the jub." He and the own appointed had unreading social workers and the quality of teaching. Cold wother was poured on the half many of the shortlisted application for much provided and the own appointed had unreading social workers and the quality of teaching. Cold wother was poured on the half and the own appointed had unreading social workers and the quality of teaching. Cold wother was poured on the half under the first stage of suclad work trainform or during training.

Cold wother was poured on the integrating the Dight of the first stage of suclad work trainform or during training.

Was plain as a pikestaff that the particular of the position.

Much more time the Local train to 2.5 from 22, training cold and the own appointed had unreading social workers and the quality of teaching. Cold wother was poured on the integrating the Dight of the first stage of suclad work trainform or during training.

Was plain as a pikestaff that the particular integration for more stage of suclad work trainform or during training.

Man Anthony Gordon, refused, and the contraction of the shortlisted application for more stage of suclad work trainform or during training.

Man Anthony Gordon, refused, and the contraction of the shortlisted application for matter was poured on the file of the first stage of suclad work trainform or during training.

Man Anthony Gordon, refused, and the contraction of the shortlisted application for matter was poured on the file of the first stage of suclad work trainform.

Man Anthony Gordon, refused, and the contraction for intending social workers and the quality of teaching.

Cold woth a proving the file of the position for intendin at Salop. However, the chairmon, Mr Anthony Gorden, rofused an application for restitution of costs incurred by the college, which expects to have to meet a bill of

The case was brought by Mre C. Manwell, known professionally os Ann Baker, who gave her aga as 46. She claimed her application for a job as head of the college'n animal husbandry department in January was turned down because the was a woman. She was allowed access to canfidential laformetion although Idantifyiag details were obscured she was able to Idantify some of those concerned. Sha claimed to be as well qualified as those shortlisted for the college, Mr Ian have there between better first and not made out a primal facter.

Lit is a matter of sour grapos."

It is a matter of sour grapos."

Ho said the whole of her ovidence of che was based act on the grounds of the annuel study course of the Society of Industrial Tutors held as two was turned down because the subject of opinion of a woman it."

Describing her claim as "vexations and frivolous" Mr Morris called on the ground that sha although Idantifying details were obscured she was able to Idantify some of those concerned. Sha claimed to be as well qualified as those shortlisted for loterview.

Aftorwards Miss Baker claimed to devote some of its management eduction and training, the annuel study course of the society of Industrial Tutors held as two man and the management and the management eduction and training, the annuel study course of the society of Industrial Tutors held as two was the two subject of opinion of a woman it."

Describing her claim as "vexations and frivolous" Mr Morris called on the ground that sha it is a manuel study course of the society of Industrial Tutors held as two management eduction and that annuel study course of the society of Industrial Tutors held as two manuary was turned down because it."

Tutore concorned with management courses ald there courses ald there courses ald there courses as little as six hours on this subject out of a 300-hour course. Yat any thing from 75 per cent upwards of management eduction and the annuel study course of the management and the study course of the management and the study course of the m

The principal rather than the academic side of social work traduling but heen given most emploises in social work traduling set along professional rates to see along the second control for Education and Training in Suchal Wurk in two reports published last year.

Translags and officials accorded The idea of a probatioary partial works and that the romainder in the ulder responsibility gradually bulk up to the will we will be supported.

After digealing these replies by 1981980, to reach 9,000 between round of discussion on other possed changes in social work trace ing. These include raising the middle will be in additionally built up to 1981980, to reach 9,000 between possed changes in social work trace ing. These include raising the middle with the possed changes in social work trace ing. These include raising the middle with the possed changes in social work trace ing. These include raising the middle with the possed changes in social work trace ing. They will be in additionally disagreed that 1,000 of the boundary possed with the remainder in the container in the co

nicians are paid on national scales, admindstrators pny varies according to the local authority maintaining the polytochnic.

and trens and trens and trens are paid on national scales on academic subardes. In the national scales on academic subardes.

Social work emphasis tends

towards the practical

Teachers and officials consulted about the CCETSW's plans for the future repiied that there should be plenty of oppurtunities for ulder people with experience to enter the career of social work. They said sucial work tuturs should have more truining and more practical experience.

The CCETSW asked last year for comment on its proposals for a pro-bationary year for trainer social workers, a four year cycle of kigher education fur intending social workers and the quality of teaching.

num age for entry to Certificate 12 mining age for entry to Certificate 12 milification in Social Work comments for mining the base of the chical control of the chical control of the con

Dismissing Misa Baker's claim of discrimination as nonsonsa ho said:

"It is a matter of sour grapos."

Ho said the whole of her ovidence was based not on the grounds of sex discrimination but that sho was better fitted for the job: "This is

# An end to the numual student arccommodution crists is reported by Hull and Edinburgh naivershies this year. A new drive for on usura 10,000 further education places by 1981 and more training and work experience schemes for the young unapplayed are described in a joint chestar issued this week by the Department of Education and Science and the Weish Office. The dreular "Huggmong Management Courses

The circular "Uncamployed Ymnng feeple" which has gunn in lucal education outhorities, FE establishments, regional advisory and establishments, regional advisory and establishments, the feet of June assembled for the the Covernment

commission to operate a new pra-gramme of opportunities for this group on the line proposed in the holand Report.

hey will be in addition to the acress in student numbers on non-direct further education courses arealy included in the departance in the sandwich courses—303,000 for 180,81; for part-time day courses—58,000 going up to 340,000; evening to 350,000; evening to 350,00

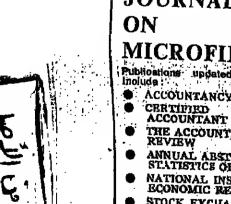
asked the Monpower Service

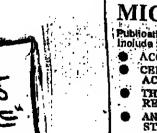
is in haped that outhorities will be able to absorb the extra studation advance of new accommo1912/79 being provided by the the building programment within in-

Iluli now accummodates almost 70 per cent of all students in resi-dance. This year, it has managed to acquire an extro 77 places by

places in lodgings.

Demissing Mes Baker's claim of the posteon of the spects to have to most a bill of sepects to have to most a bill of september to have to most a bill of sepects to have to most a bill of september to have a bill of the september to have a bill of september to ha





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## ACADEMIC DEVELOPMENTS

# The right medicine for some physicists

by Fred Kavalier

Oneen Elizabeth College, London, and Gay's Hospital Medical School are together offering a course from throber 1978, which will be an ideal training for the intending and school are proposed in the proposed in the interaction of cancer with radiustic are among the contractions of oney BFd Contractions

is a three-year HSc honours cuarse. It is, essentially, a physics degree, because its argunizers believe the baspinal physicist is "first and foremost a physicist, and is uteither a pseudo-clinician nor a medical technologist."

First, the course provides the provides the same fundamental physics in mind it contains the same fundamental physics. The course is divided into clements: professional isso studies, education studies and elective studies. The professional reaching prepares the side of the side of the side of the side of the secondary state of the secondary s

First, the course provides the findamental training of a good honours degree in physics: electrostanguerism, heat and thermodynamics, optics, atomic and thermodynamics, optics, atomic and muclesr physics, atomic and muclesr physics, and so on. This represents about 75 per cent of the new course and takes up anost of the first two years which are concentrated at Queen Elizabeth.

The reorgining 25 per cent, mustly in the third year, consists of courses oud projects in medically oriented physics. There will be 20 places in 1978.

#### Teaching or administration sandwich

hy Judith Judit

Students taking the diplome in higher education of Bradford Cal-lege are now able to continue their studies for a third year and gain on unclossified BA.

The new degree, which has taken its first students this term, is an interdisciplinary course with o strong couplusis on the social sciences, the organization of society and the place of Individuals in organizations.

The third year has been run-structed to take account of the re-crulment of students on the basis of no firm vocational commitment of no firm vocational commitment other than to "work with people". The course tims provides on appartuaity to defer a choice between teaching and administration nutil the end of the second year, in addition to explanatury experience of work and a general education.

To this extent the course is competing for stadents who might otherwise choose liberal arts higher education courses but not business.

checkwise chaose interactants ingues concerns but not husiness studies or sociol administration which assume much mure specific

career intentions.
Though it does not provide o specific vocational training it is in-tended to equip studeots with koow-ledge and skills relevant to work. touge and skills relevant to work.

The coursa sims to teach a number of skills, including how in be analytical about themselves and their environment. It also affers teaching about industrial society, organization and professional studies and sims to help etadeots appreciate the importance of "cop-

The new sandwich degree programme at Sheffield City Polyteclinle started this term with 115 students—25 mare than the course

nota.

Dr David Hills, the coordinating director of studies, is delighted with this response to a programme he has been planning for fire years or so. It leads to three possible USC degrees, with or without honours: applied science, applied chemistry, and metallingy and intenstructural engineering. interestructural engineering.

chemistry, and metallargy and international engineering.

First year students study three of the four main sciences offered, chemistry, physics, biology and materials. Each has ten quasible paths rhrough the first year, an A rome and a II rome. A is for students with A level in the subject; II is a separate course that includes two hours' extra teaching a tweek and brings those without A students at the end of the year.

The system is intended to allow a flexible entrance policy, while numbering each holividual's unition to like up her academic background. Twenty per cent of this year's students are taking true II romes and one A, and the remainder are following two As and upon the proposed as per students are taking true II romes and one A, and the remainder are following two As and upon the proposed as per students are taking true II romes and cone A, and the remainder are following two As and upon the proposed as per students are taking true II romes and the proposed and we have the problems the handicapped on a per students are taking true II romes and the problems the handicapped one A, and the remainder are following two As and the remainder are

one A, and the remainder are following two As and one II.

Students commit themselves to one of the three specialist degrees at the stort of the second year. organization and professional function experience is on the appreciate the importance of "coping" skills by practical exercises.



A demonstration of the Kathak styla of Indian duncing was given to second-year trainer teachers of Bartford College of Education, Themes collon. Barton Alpaba Songupta mimed the story of Kristina and the

# Full science

by Clive Coukson science correspondent

adult." Is said to be be first ostatilitis.

"Music and the hankeye adult." Is said to be be first ostatilitis for the kind. It is designed to be considered and it is a designed to be considered and a first change their attitudes sed for the angular appearance the problems the handicapped be according to janet wyset, cours to tunor, who also teed music at Trinity College and a prime basis, most of the work can out up to now has been to the coarse, which is not the coarse, which is no consecutive Wednesday stell to the coarse, which is no consecutive Wednesday stell to the coarse, which is no considered this special adaptations and plants to overcome it, so that is capped people cent develop it capped people cent deve

leave to overcome it, so man a company people can develop music potential both as individual in and in groups integrating with a hodied people wherever possible.

Topics to be covered season use at music as a median in leave of broathing, decide in so into integration in a manufacture of the music as a median words to music.

## Construction managemen courses flourish

An MSc course in construction management starts of Herfold's University this month. It is intended to provide sdrawn in the start of the start o

construction course configured fluurish. This is a four-per mich course ideorporating lengtheoring and building productions.

Adult classes defended Movement i as priority area teachers

at Durham

drame in the early and ex-years of schooling, health eight and an introduction to eight technology. It is hoped to include a course in reaching ESE of from 1978.

Education studies is det

support the professions and examining o number of themes. This takes up in the open at the studies look at the party successory, history and pake a chucatam.

education.

The third element of studies, seeks in provide dead intellectual studies which all neeful both fur their own the hit later work. The election is to be a recological studies, in French, human movement is geography, mathematics addid Propusals to convert to a four-year honours degrate a studies and the submitted to the first terms.

te submitted to the CNA

year. If approved it will be a able to students entering in W

This will be sweet

the handicapped

If music is really be food of love

by Patricia Santinelli

music to

A discussion document defending adult education as a princity for local ambority spending has been prepared by the Educational Cenprepared by the Educational Centers Association and is currently being circulated among its half a million members.

milliou members.

The discussion resulting from the document is expected to lend to the publication of a policy document early in the New Year for circulation to Government departments. Itehind all this nctivity is the feeling that addit education is under grave threat because of the Government's educational cuts. ment's educational cuts.

"We want to do our utminst to preserve the odult education serpreserve the odult education serdec and to protect those who can
efford the least", sold Mir Ray
Lanb, Secretary of the ECA.
Adult education is every citizen's
right. For far too long it has been
regarded as a periphery to the main
education provision and so when
times are hard, adult education is
the lirst service to be cut."

which seeks to limit provision which seeks to limit provision to evening classes in cultural subjects for professional and wage-carning people, learing other provision to the social services. At the other extreme, there are the "ghettasist", who wom to provide for the needs of the elderly, the illherate and the dishilled and let the able-hadied look after themselves.

Mut, says the ECA solution of the stage of the says the ECA solution.

Hut, says the ECA, while "we cannot ignore the dilemon, the lander is not to cut off resources from one group or another but to help each according to our ability and their needs. The important thing is to maintain the whole educational community." cational community".

It says that o good adult education programme should offer remedial education, second chance
education, social education and
adaptation to social change, retraining and the development of aseful
skills os well os the development
of personal resources,

Life in the late twentiath con

right. For far too day the regarded as a periphery to the main regarded as a periphery to the main regarded as a periphery to the main so when dimes are hard, adult education is the lirst service to be cut."

The ECA has evidence the country are councils all over the country are cruting back an spending ou adult education and raising fees. But it sees the first priority as clorifying the intended at oims of adult education within the service and this is what the new document sets out to believe.

In pinpoints two opposing approaches to adult education: lirst, the "pink-shirt syndrome".

## British student unions adopt nine jailed South Africans

acts capable of endangering the maintenance of low and order.

Unions belonging to nine of the Li National Union of Students' area organizations are being asken to adopt one of the juiled students and to campaign for their release.

"Yorld attention has been focused on the situation in South Africa following the tragic death of Stere Bike, the founder of the South African Student Organization," said NUS national sucretary Mr Trevor Phillips. "We must now make people aware of the pilght of other folled students before it is not late."

were falled last year under the Terrorism Act are to he adapted by British student unions.

The alae, oil members of the South African Students Organization (SASO), were sentenced after a trial which lasted 22 mouths. All were found gallty of committing acts capable of endangering the maintenance of low and order.

them to uce as hosts to the touring temm. But ofter representations from the NUS the taur was called

Mr Humphrey Harrison, president of the University of Cope Town delating unless, said in a lotter to the student unions; "We have the grentest respect for the work NUS is doing and certainly have no in-tention of flouding thom on this

issue."
Mr Trevor Phillips welcomed the Mr Trevor Phillips. "We must now seeks people aware of the plight of other folled students before it is too late."

Each NUS area will mount a campaign of latter writing, petitious and lobying aimed at publicizing the students and intervening on their shelf. Each has been sentenced in spend five or more years in prism.

Mr Trevor Phillips welcomed the decision to cancol the tour. "We support the view of the tour. "And two inlend to support long likes with Soath Africa". he said. "And two inlend to support long likes with Soath Africa". he said. "And two inlend to support long likes with Soath Africa". he said. "And two inlend to support long likes with Soath Africa the view of the tour."

bellet mit intervaning and the intervaning and the interval of any protection of the continue of the continue

# Don's diary

corner was closed so I went to a new one behind the Place des Victoires. The thick green coffee caps with the gold rim seem to have vanished from Paris, and the waiters from An pied de Cochon drink heer for breakfast instead of red wine. It is a general trend they say. they say.

they say.

The coffee is good here and I drink about two cops. It is the same erery morning, and it gues on throughout the day. The conflict over food. You look at all the polissorie in the window ond end up brighing half o bagnette; you avoid the cafes at lunchtime and eat bread and cheese in the l'ulais Royole, pretending it is still sammer on those rigid from benches; at four o'clock you cerum to the putisserie, but the good ones have gone. That cases the decision.

And then suddendy one evening

gone. That eases the decision.

And then suddenly one evening you surrender and havo a meel, it real meal, sitting down, with a hook protect up against the oil and vinegar and o litre of wine. And you make it lost for three hours.

The reading room has the same small os 18 years ago, and it still gets full by 10.30. It is worm ond familiar and little has changed, though great ploy is made of its democratized structure since 1968. I think there is still a Biblioteque Nationale readers' committee though I hove not had the voting papers for two years.

I remember voting once for Simone de Beauvoir ond a Pale whose name I forget, but I never whose name I forget, but I never knew whether they twere elected. They do not tell you everything. What is ceolly different is the lights. For some time now you have been able to switch them on oud off iodividually. In the old days there was olways the barest hint of collectire revolt over the lights. As it grew dark and they still had not switched them on, the readers legan to click the switches, like prisoners tomains on the nines. inpulling on the pipes.

and the socialists. The English press see it os weakening the election chances of the Left, but here too Communist Party claims that its militant posicion is ottracting young veters end the Socialist Party system its firmness against communist demands is ottracting the moderates.

If is a lovely doy and I walk down to the river before going to the BN. All the road sweapers ere black. Last night there was a moet-

This morning my usual cufé on the corner was closed so t went to a new one behind the Plate des Victoires. The thick green cuffee cups with the gold rim seem to have vanished from Paris, and the waiters from An pied de Cochon drink heer for breakfast instead of red wine. It is a general trend in this anymore. it that anymore.

I hear they they exploit dieir I licar thei they exploit dicir suff, particularly young artists wanting to get a foor in the door, and all the spontaneous activities for kids have a long waling list. But it is a living place none the less.

In fact it is the best thing that has impressed to the Paris art scena since America took over in



We have only one alorm clock in the family and that is of home to get everyone to school. Here it is the shattering noise of the dusteart. It does this stract m nbout 6.45, buttles, tins, boxes, parked cars, vélos, the lot.

The dispute over nationalization goes on between the communists and the socialists. The English press see it os weakening the election 1968 crossed with o Victorieo chances of the Left, but here the communist party claims that its

courth looking at, but it was doubt-less Muntherlant's name which said the book in its numbered, de luxe edition. Chessical pragedy, medieval fate or whatever, you can be lyrical about, but not dust basic level of utisery and fear. Too much is writ-ten about the literage and historical ten choin the literary and bistorical imagination, too little about the arrogance and insensitivities of those who appropriate the experience of others. Though we are all guilton of the

jost next to Pigalle, Much talk ahour the local area not surprisingly. A linge meal, really excellent. The next showing of the Biennale filors will be after I have left Paris, That le disconduction

will be after I have left Paris, That is disappainting.
We exchange stories, or for me memories, of having young children in Paris Hats, and I catch up on the different bits of the university world in which Marc and Rhiamon teach. Many of the people we all knew, or knew of, in 1968 would now be described as career acodenies. They is a his pare the knew, or knew of, in 1968 would now be described as career aco-dendes. That is o bit near the bone, I get the last metro and find an elderly couple asleen in my hel. They are up from the country. "We bonked room 14" they say, "This is room four", I reply, back-Interest form four", I reply, backing out, I suggest f sleep in their bed and we'll sort it out in the morning. I find room 14 and get Into hed. There is a knock in the door. They're both there, fully dressed, clutching their suitenses. They'd rather change now "otherwise we'd never he able to sleep." railer change now "otherwise we'd never he able in sleep". I try some joke obout the dastrort and we swop beds,

Buck downstoirs I realize that all my things are still laid our round the room, Nothing disturbed, Perhaps they think all Puris hotels are occapied in shifts.

#### Tuesday and Wednesday

f remember e don at New College who used to maintain in his lec-tures that George I end George II were that George I and George II were the same anan, on the basis that they had the same arisiress and prime minister. I have the same feeling ahout this Taesday and Wednesday. Some place, same microfilm. But the evenings were different.

I am stoying with Gill near the Rue Monffeturd, still one of the best communities in Puris. They have done a lot to resist the incursinn of property speculators, and the gress roots cooperation of work-shous, street market and tenants is a reality, not n romanic myll. But it will change if the fight is not continued, earl there is anxiety about the fixture.

We had pizzas round the corner.

Wa had pizzas round the corner.
Katy was there end we talked about the Red Army Fraction and political assassination. It is the main subject of conversation among most graups on the political Left. Those who condemn, and those who cupport, coll on a mass of historical justification, and thore is a tendency to argue that Germany is a special case, either then, now or body.

The French are much more involved in the issue than the Britantia.



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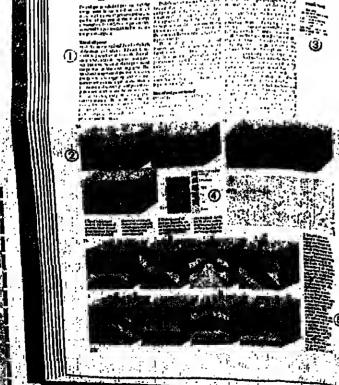
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# What if the end of PGCE were nigh?

Judith Judd describes an exercise in forward planning at Nottingham University

Ha Department of Education and Science has sent o letter to all universities and colleges aumminicing the end of the postgraduate certifiknow it. What is your reaction?

an dhe is expected o serious answer. They spent o day at a field centre medituling on the one-year course and workingf and how they devise their own curriculum and plan team teaching in humanities. would design a new one from If the letter from the DES did

arrive, Professor Wragg would welprofessional have begun, there is sill some way to go before they are equipped to deal with modern comprehensive schools rather than the grammar schools they were set up

Wragg says, will have to offer a less prescribed set of experiences than it did to the past. "Twenty years ugo a sundent might have expected to use the same textbook to teach French whichever school he taught in. Now there is a great variety of books and nuterials at his disposal and he may not use any resultable at all."

The immediate prospects for n-service training and even of an imbaction year seem poor so it is important that a student should he altle to cope with the options Professor Ted Wragg of Notting- upon to him when he fluishes his ham University's department of either training. "Courses will have to ration has just presented that pur more emphasis on selfdetermination, to 30 ment determination, to introduce a bers of his staff at e une-day number of ways of looking et things session on the future of the PGCE and to ensure independent decision

scratch, starting with three questions; whot skills does a new teacher need, how can be help him skills without, of course, outking fewer intelectual denunds on the The second change that Professor student. The movement towards this has already begin and the curback in teacher education mathers has focused offention on the content of one-year courses,

changes are nedeal in the PGCE and the think-in is one stage in the preparation for o completely new coase in Nothingham which he expects will begin in two years time. Though autempts 10 make university teacher education caurses more professional have begun, there is departments of education, has just

The aim of the project is to decide what professional skills are needed for teaching and to decide how they can be developed. Though PGCE students are being studied,

the work has obvious relevance for those concerned with the professional component of field courses and especially in colleges where the two plus one emining pattern is being used. The researchers are looking in classroom management and control and mixed ability teaching.

The idea is not to produce a Nuffield or Schools Council type of under PGCE but to prepare suggestions and course numerials which colleges and universities will be able to use if they wish. Professor Wrong believes that the standardization of all courses in teacher education is impossible and undesirable.

The first stage of the project at Notingham was to complete a looking especially at where their difficulties arosa so that tealning procedures could be devised in help them. Perhaps not surprisingly, the researchers, who were asked to note three critical moments to the

lesson, found that trouble was most likely to accur at the beginning or the end, in the laboratories or when theches was split up into small

when children were changing from one swichy to the next. In the coming year, the project will be trying out experiments which

One of these will be to have PGCE students worklog in pairs, with one giving the lesson and the other sitting at the book of the classroom taking notes. Professor Wring says this is less immidating that having a head of department in theroom but the second student can point but packets of indisciplioe which the teacher may not have noticed.

Anniher development already well udvanced at Notlinghum is the use of micro-teahing. Most eduction

Wragg is convinced of their value.
Notingham has betised on the deceptively simple on of explaining. Students are filmed at the beginning of their course, correct them.

beginning of their course, correct themselves according to what they see and the difference by the end of the course is often amoring.

Professor Wrang says the great advantage of having children actually in the department is that when a student makes a mistake he can try to rectify it at once with another group of children instea hof waiting until the next lesson.

The benefits of instant correction.

The benefits of instain correct are one reason why the project is linking at closer cooperation with reachers in the schools where PGCE students are teaching. "A reacher lo school con coole hack and see a scudent in the same lesson. He can work with the students in a towards greater eniphasis on professional skills should be compled with a better relationship herween

ing schools sure out their problems. For too long we have been higging behind them when we should have been giving them a lead." One way of getting cluser is to teach in them and Professor Wrugg believes that all touches training should snow teucher trainers should spend

an important part in a new PGCE course is mixed-ability teaching. The project organizers to Nottinghom

before a new course can be launched at Nottingham. Nor will the trans-formation be sudden. Many of the

## Wreck holds treasure for marine studies

A significant piece of history—the week of a merchant ship which foundered in least 450 years aguis being painsrakingly explored 50 feer below the Menai Strains by the marine archicology unit of the University College of North Wales,

The wreck was discovered during an underwater survey of the area by the unit and what particularly exches Dr Cecil Jones, a then in to extro-oural department and

A number have been binnight to the surface for examination and temperison with slares of known are. Too have been identified as prehading one of the oldest known reals. In Anglesoy—that of the George and Drogon Inn or Realmant—which is roofed with early lish century material.

The undisturbed corgo is yiulding infortant information about three slip in which it was loaded in Elizabethan days. The nearly by 4 feet, dimensions which, says was about 55 feet long and 21 feet in the beam.

These dimonsions are typical of a ballinger, the barge-like general purpose cargo ship of 500 years dreds of which were in service in propelled by sail, with provision for personner to provide auxiliary poner to provide auxiliary poner to reached by sail, with provision for the provide auxiliary poner to provide auxi

The allscovery of the ballinger, within a few humbert yards of Tel-ford's famous littlamin rollway bridge linking Anglesey to mainland Wiles, is particularly impuriant to marine hisorians because most underwater explorations tend in concentrate on more excite weeks, such as those of worships and craft repaired to have been carrying treasure. Wreeks of more ordinary vessels have a language of the laws and received until attention.

The survey is being carried out of cluse comparation with market scientists of the university and with the help of Mr Sydney Wignall, a leading underwater explorer and inf-

The discovery of the ancient res-sel comes at a time when, in a university sense, marine archaeology has come of age. Apart from a small number of university sponsored expeditions to the Mediterronean in the 1950s and 1960s it was for loog on unateur octivity.

hood of the noit, is that its curgo of about 20,000 slates is virtually later.

A number have been brought to temperison with slates of known are fixed one of the oldest known George and Drogon Inn of the mains—which is roofed with early lights of work of virtually later.

Those cognaged in it educated themselves it its methods and inputions and involved and modified as they went along. The Couocil fur Nontical Archaeology, which coordinates the work of vorious groups and principles as of known is the coordinate of the state of the council fur Nontical Archaeology, which coordinates the work of vorious groups and principles are described as a survey methods have been achieved.

The evidence, says Dr Jones, sug-ens that slote quarrying bogun in both Wales long before the great in delly accepted date of the late 18th ters. An important addition, o new degree course in ocean electronics, degree course in ocean electronics, legios 12 moorls from now and will locinde o 20-hour reaching modulo no our ine erchaoology.

One of the newer sins of miversity-based merica orchaeologists.
Dr Jones says, is to provide morine
scientists with a knowledge and
appreciation of the value of such
wrecks for historions. Whether
mreck sites will provide more than
just historical information depends
up the questions the underwoler
orchaeologists ask.



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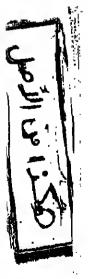
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Among the groups involved in the Anong the groups involved in the programme one, struck by the nustriability of case studies and exercises derised for managers in bidustry, got down to writing case studies and exercises especially for anticrsity stuff. Another group exomined the administration of universities and academic departments and gradueal a collection of such and praduced a collection of sug-gestions for impraving organization and intraducing change. Other groups considered the notion of continuing education, the distribution of resources, the learning needs of professors, how universities treat women, and how to run university

A report of the programme, The Changing University, by David Warren Piper and Ron Glatter, has been published by the National Foundation for Educational Research, price £11.75. Extracts oppose below:

#### Slow start

To some participants the programme seemed slow in gering going and with the experience we now have it is probable that the organizers could respond rather better to some of the suggestions.

Harveyer, there are a number of points which need to be unswered. At the start of the programme a number of participants looked for, namper of participants not just support from the organizers but a lead as to what they should a programme is run a short time for adjustment may be expected.

adjustment may be expected.

One participant wrote (not without frony one feels): "Prospective participants appeared to have some latital difficulty in grasping what the programme was all about, possibly because the loter-related concepts of staff development and organizational development were too for whend of the thinking of most people in miversities."

Another remurked; "The unstructured form of the first meeting at Cumberland Lodge gove a nseful and refreshing falt to those of us who unrually subsist on a diet of ageodas and minutes."

The difficulty was compounded by the staggered recrultment to the programme. As was to be expec-ted, those who became involved in a particular project got more from the programme, ettended its meet-logs most brightness, end spoke af i mosi highly. The SDU staff dld nttempt to

service and support the various projects. The secretariol and ulministrative support by and large met all
requests. The scadenic support was
felt by one group to be occasionally
o little thin—for example, in surveying the relevant birerature for e parmicular undect. It was our intention ticular project. It was our intention to provide such back-up and for the

most part we did.
One final aspect of the "slow start" criticism might be mentioned.
The impetus of the whole programme picked up enormously once appear and were tested. One perticipant remarked it was a pity wo could not have started the central group by doing some exercises like the cess studies, or the in-tray exercise. Almost certainly we would have involved more people more quickly if only we could have, but at the start there were no such at the start there were no such metorials available. From now on we are better equipped.

(1) Emphasis should clearly be put on stoff teking ultimate responsibility for their own development. Initiatives must come in the melti from deportmental and institutional level supported (rather than led) by centrally organized occivities.

(2) The "problem salving" uppreach as exemplified by the

The Staff Iterelopment in Universities progrations (SDI) is a general difference of the made ovallable for the progrations (SDI) is a general difference of the made ovallable for the development of non-award basis undertaken by groups of acuteatic courses for edge and administrative staff in 50 undertaken by groups of acuteatic courses for edge development of appropriate teaching courses for these.

This proposal is the made ovallable for the development of non-award basis and indivisite staff in 50 undevelopment of non-award basis post-experience courses for edge.

This proposal is the made ovallable for the mad tersities and university coffeges between 1972 unit 1974. It was organized by the University Teaching Merinds Unit and the Department of Educational administration at the Educational administration at the



Are old teaching methods good enough?

impact. A total of 200 people attended the two conferences organized as part of the programme. Many more received publications and jained seminars. In adultion, 113 people thak part in the various workshops and strickly groups meanized as part of the pragramme (not comming visiting speakers or alservers).

There is one striking pheumments about the SDU programme which craves same explanation; that is the university system (and possibly contract on programme which the university system (and possibly contract of policy to g, life-lung education and pressition of cathon, women's studies or earlier, women's studies or explanation in the various palicy (conduct of meetings, allustics) and place of interaction.

Taking a stance of reacting only when the present pastition becomes alterated and planning for situations before they arise, seems a palicy likely to lead to a breakdawn of the developed et a lawer level: the sentar lecturers and slightly more detail to a lawer level: the developed et a lawer level: the sentar lecturers and slightly more detail to a lawer level: the sentar lecturers and slightly more detail to a lawer leve

counting visiting speakers or abservers).

There is one striking pheumment about the SDU programme which crives same explanation; that is the nurkedly different responses of the nurkedly different responses of the ocadenics and administrators. Administrators were nore likely in lead to a price backwater), its relegation to a quiet backwater), its relegation to a quiet backwater), its relegation to a quiet backwater), it could also result in nutting to the university system (and possibly its relegation to a quiet backwater), it could also result in nutting to fine alministration whase purpose, after oil, should be the purpose of this report might serve an oppartune nument.

This view is supported by the for the workshops for senior staff. The 1975 workshops for heads of cadenic departments had almost twice of the two at meetings was the feature most frequently prulsed by administrators and ocademics was a snagestion. There was a snagestion central group should at keep in it was faramrably repart. There was a snagestion of the head of this report work it had started by men tregular if less frequent be administration what is a purpose of this report might serve an oppartune nument.

This view is supported by the for the workshops for senior staff. The 1975 workshops for heads of categories departments had almost twice as many applicants as places (despite a fee leing charged whoreast the central group meetings were an oppartune an unfumit was faramrably repart the multipart of the humbs of the lambs of this report might serve an oppartune and prop

Different explanations may need to be sought as to why people first joined, why they rectained or with the SDD programmes in the part

of their responsibilities within the university. One professor remarked: "I suppase the centre of no neadentic staff member's thought is (or should be) the development of knowledge in his subject coupled with the dissemination of knowledge in young people. He requires a framework which will enable him to carry nut these activities but in general he is not too concerned with the detailed structural of its unsatisfactory to not when it is unsatisfactory to this does reveal a view opposed to that if the progromnoo organizers. Although agreeing shout the

ioined, why they rectained or with drew, and why they took more or less active part.

The reasons for the ocademics tendency to drop from the programme are probably complex but one important element seems to be the view that must academics hold of their responsibilities within the university. One materies is a conference remarked that

Recommendations

come the problem of apparent lock of activity at the heginning. Other programme organizers should feci free to take and adopt any of the

to first ones reveal a view opposed to that if the progromioo organizers. Although agreeing shout die noture of the ucademic's general concern many of the developments being considered during the programme were eithor matters of only acrdemic staff is a brave but

point was farm an unfamiliar viewpoint was faranrably reported upon.
There was a suggestion that the
central group should attempt to
keep its identity and further the
work it had started by meeting on a
regular if less frequent basis. Time
and funds have not permitted such
a meeting so far but the publication
of this report might serve to create of this report might serve to create

## Crucial difference

As a department withit the institine of Educacion, the structure and purpose of the Department of Educational Administration are different ent in two crucial raspects from those of the University Teaching Methods Unit. First, as a conventhand academic department, its pel-mary teaching responsibilities are the provision of courses leading to university qualifications, and the provision of supervision for students preparing for higher degrees by research in the field of educational administration. Secondly, its brief covers the whole of the educational coston.

system, not solvity univershies or even higher education.

Thosever, the department has a close interest in the development of the kind of work reported here. Although its primary teaching responsibility is no provide for award hearing courses and research studies. It has since 1966 heer in
Studies. It has since 1966 heer instudies, it has since 1966 been in-rolved in the provision of short ranges and earthships of carious kinds, first by means of a grant from the Cultusto Gulhenklan from the Calausto Galbenklan from the Calausto Galbenklan Foundation for the development of tenching methods for the manage-ment development of chicators and latterly through inculvement in the cost synogenium.

The department's contlaning work in this field depends, in riew of its other comultments, on the availability of special resources. It has (through the institute and the indiversity) put furiouse to the DGC e closely argued ruse for special

centro containing training materials and reference materials for staff alevalopment, and consultancy. There ero advantages in associating such service work with educational research.

such extra there were another of the problem satisfaction of the problem satisfaction

materials for these.

This proposal has unfortunated half the left "lying on the table because of the reallocation of the special funds ariginally carmeted for educational development to other purposes as a consequence of the economic situation. We exhaust the economic situation. We exhaust the economic situation when ance of making appropriate many ance of making appropriate many sity has ell provision of this kind and connectly hope that the proper will be recursishered at the earlier papartunity.

## Responsibility

Hilimate responsibility for subdevilapment must lia within been ploying justitutions, much of a at depuramental level. Haven ar depurimental level. Havene there is a strong supporting rolen be played by centrally organish units found a staff training toller for higher calucation staff has not to comment it). The level of b terest and sophistication in an training and development is at comparatively low in many unite sity departments and it seems to likely that stuff training will & Inp quickly enough to meet thed lenge of the new economic e social climate without consider centrally provided subsidies b

Three points need emphasis. In first is that ultimugh there is that ultimugh there is that in asking a suiff development macney to "sell" its services a client departments it is sufficient alepartments it is sufficient alepartments. that sint development soughs brond hecome quickly widespead throughout the universides system if departments were used to be the full economic cost of, say, exceptly organized courses; especially If they were given the chiefe of spending the money in some ake way. Staffing, other overheads at the development costs of her courses must necessarily be lone from some centrally provided fist Only nourginal costs may be pass?

on to the consumers.
The second point is the sale development is a way of lapone and only the quality of teshing offered, but also the official many which the universities make follows then financial stringer of a national level results to 1 and for 19 cuter, not less, hyesnest

stance, provides some stance, provides some thousand places early year on ten uck coursees for principal grade cirl servants alone and still 96 per cent of the Civil Service training is growthed which a lepartments rather than an courses. The hospital service provides management training for allministrative, medical, scientific and technical staff. The number of places on monagement courses.

of place; im management courses for micses alone has been establied at 12,000 per annum.

We should like to suggest 5 per cent of the total recurrent budget as an immediate target for financing stoff development in universides, it seems likely that most British universities by contrast speed less than 25p per year for every studeot her have, on training their staff to teach. In feet the figures are unknown, We believe it true to sy that no university of Great British has an accurate account of her much money it spends an relaining

# White man's burden

A key civil rights case begins before the US Supreme Couft next week. At issue is the legality of excluding while students from college places in favour of less qualified " minority " applicants. Michael Binyon,

North American correspondent, reports

The Bakke case—the suit before the Supreme Court chollenging reverse discrimination in university minussions—has become a unifor political issae in the past few weeks. The Carter Administration line seemed to lean first and way and then the other in its stempts to articulate other in its sttempts to articulate its position on race, quotas and efficientive action.

The Government has now floolly about of its brief to the court, and it comes down firmly on the side of all special programmes to help minorities overcome the effects of past discrimination. The brief says anequivocally that ruce can and should be a factor in determining university edutissions.

The brief, published by the Inside Department, has been warmly greered by hlack leaders and civil rights activists, and ends several weeks' intense lobbying and serious warmings of the political consequences if the Government had stuck by an earlier draft which shartly exacted regist constitution. sharply ottacked racial quotas.

The Government positino, con-sidered of great importance in influ-encing the court's ruling, has changed three times in the past month, an indication of the commonth, an indication of the complexity and importance of the issues raised by the case. The final larief idesteps the issue by refusing to come down on the side of either Allan Bakke, the plaintiff, or the University of Cadifornia, which Bakke said unconstitutionally discriminated against him when it adulted if less qualified black applicants to the Davis Medical School, while turning him down (THES, July 22).

The Government's brief says

The Government's brief says almost nothing about racked mortas, but says numerical goals could still be set in all affirmative action programmes. Clearly trying to take some of the political heat and of the case, it suggests the Supremo Court interpret the case very narrowly, sending it hack to the Lower Court in Culifornia for review. The Government urgues the California court mode a wrang legal judgment, end should not have upheld Bakke's claim against the university.

upheld Bakke's claim against the university.

All this is o considerable turnabout from the position of only three weeks ogn, which itself seemed to contradict the original indications that the Government would support the university.

A death belof decrease up by Mr.

A draft brief drawn up by Mr Wade McCree, the Soluctor-Googral, himself a black, argued firmly against the use of race as a criterion for admission and was circulated to key Government members for discussion. That draw an outragod protest from black Congressional laders, end apilt the Cabinet.

Harris, balt blacks, and Joseph Californ, Secretary for Health, Education and Wellare, arguing Strongly that such a brief would fatally weather the Government's alifting to enforce affirmative action Sometiments.

The main Issue, the final brief says, is not whether race may be taken into account, but how. "We believe it is permissible to make minority-sensitive decisions, but that it is necessary to address as well questions concerning how race tyris used, and for what reasons." The document goes on: "The findings with respect to these lutter, critical questions are insufficient to allow the court to address them."

In its earlier version, the Justice Department explicitly rejected noons, saving they uncounted to "tesing race us a tool of exclusion". This and similar wards were climbated from the final version.



arguments on October 12, but may not annuance its decision for some months after that. The Issue is widely seen as being the most crucial civil rights caso before the Suprome Court for 20 years.

ethnic budies.

Ily playing down the importance of the actual case itself, thu Government is haping to limit the application of whatever ruling the Supromo Court makes, and thus preserve offirmative action programmes as they ero. Mr Griffin Boll, the Attornoy General, said the administration was not planning ony stronger measures over offirmative. stronger mensures over affirmative netion, but wanted to protect whet

there now wes.

At the heart of the argument, however, is the difference between "numericel gaals" and "quotas" for minority admissions. And the Carter Administration has deliberately decided to stey out of this controversy. Mr Bell said he was opposed to "rigid exclusionary quotas" ad declared that there was "a line between goals and quotas,

# numbers remain low

DUBLIN Very few students in Trinity rreased compliasis on applied College, Dublin, come from lower research are the two main features working-class backgrounds despite a massive expansion in secondary ties and Colleges' budget requests education in the last decade and the introduction of a limited student grants' scheme in 1968.

An unpublished study by the college shows that only eight of the 1,032 students who enruled for full-time first degree courses last these added up to less than I per

By contrast, over 70 per cent came from the thrue groups covering employers and managers (307), higher prafessional staff (253) and salaried employees (168). Farmers, furmers' relatives and farm managers gers eccumned for enother: 106 students, or 10 per cent af entrants. These high social graups predominated especially in prafessional subjects like medicine, engineering and law.

The problem of warking class representation in higher education has been made the ctore difficult in the Republic of Ireland by the The maximum rates of grant ore filed 8 year for students living at home and £350 for those living away. Three means test if porental income exceeds £2,625.

serere means test in come exceeds £2,625.

Living costs in Dublin are high and first year fees in 1976 ranged from £200 to £250. The intake figures show that the traditional notion of Tribity os a "gentlemen's callege", combined with financial difficulties, have served to deternal but a handful of lower working class children.

All ench studies are now divided into five vocational sectors with must admissions genreal towards anticipated manpower needs. For studies, energy sources and the working environment.

Suprome Court for 20 years.

More restiming from interested parties has been filed diam in any other Supreme Court case—58 liriefs, representing mura than 160 organizations have been submitted. About two thirds of them, malaly from universities and civil rights organizations, support the University of California. The supporters ut Bakke are mainly business arganizations, jewish groups and other eithnic budies.

Ity playing flown the importance of the actual case liself, thu Government is haping to limit the application of whatever ruling the Supromo Court makes, and thus preserve offirmative action programmes as they ere. Mr Griffin Boll, the Attornoy Genoral, sald the administration was not planning ony

#### Teachers worst hit in big graduate jobless increase

Graduate unemployment in the Fe ouotas" oad declared that there was talk of admission and was circulated to key Government members for discussion. That drow an outragod project from black Congressional lasters, end split the Cabinet.

The difficulty is that the line is often hazy, and only ersites have been trying for several years to the Federal Employment Office in Nucemburg. This May 24,700 undersonally, and affirmed his abhortence of several years to the federal Employment Office in Nucemburg. This May 24,700 undersonally, and affirmed his abhortence of several years to the Federal Employment Office in Nucemburg. This May 24,700 undersonally, and affirmed his abhortence of several years to the Federal Employment Office in Nucemburg. This May 24,700 undersonally, and affirmed his abhortence of several years to the Federal Employment Office in Nucemburg. This May 24,700 undersonally, and affirmed his abhortence of several years to the Federal Employment Office in Nucemburg. This May 24,700 undersonally, and affirmed his abhortence of several years to the Federal Employment Office in Nucemburg. This May 24,700 undersonally, and affirmed his abhortence of several years to the Federal Employment Office in Nucemburg. This May 24,700 undersonally, and affirmed his abhortence of several years to the Federal Employment Office in Nucemburg. This May 24,700 undersonally and affirmed his abhortence of several years to the Federal Employment Office in Nucemburg. This May 24,700 undersonal years are several years to the Federal Employment Office in Nucemburg. This May 1976 end May

say whether qualified whites will have to be discriminated against in order in anke room for minority students.

Leader, page 10

New moves against defaulters

The lob of collecting defeulted Federally assured student loans is to be placed in the hands of private collection organization, the US Office of Education has annouaced.

Proposals ere now being solicited experienced in college successions which have had wide experience in collecting the where some steepes and in tracing the where some steepes and stay graduates (stati in May 1977 and three collected. It can use only its possible to survey reveals that simulation to use such means to feducation to use such means to fecover the sherply increasing sum around the consisty.

The same of the sa

Swedish Budget proposals

# Working class Priority sought for short courses and research

STOCKHOLM

More shorter courses and an inof the National Board of Universifor the year beginning next July, the second after die implementation of die U 68 referms.

The bnard, which administers virtually all full-time past-secondary learning, wants spending to rise per cent to 3,002m Skr (£353m). groups which include farm workers per cent this year and 20.5 per and fishermen oud semi-skilled and cent last year. However, a supplemiskilled manual warkers. Together, mentory request is expected luter, when this autumn's student lutake te courses with nurestricted entry is fully known,

The expansion of shorter courses, planned lucally to meet regional needs and connected to working life, is seen as ritul in making higher chicarian opportunities recurrent. In line with this summer's reform guidelines, capacity on the caurses will increase by 10 per cent emually over the next few years. Intake to fliese courses is expec-

ted to be in the region of 21,000 students this year and, to maintain

All each studies are now divided held steady et about 12,500—the into five vocational sectors with same figure as sloce 1973. Prigrity must admissions genreal towards outlicipated manpower needs. For 1978-79, there would be about 12,500—the same figure as sloce 1973. Prigrity will be given to work on consumer studies, energy sources and the working environment.

The board's request will naw be considered by the Government prior to the announcement of the national per cent). The first of these caters

librarious on dreamstators and the second for doctors and dentists. Spending for both sectors would rise

yahan 9.5 per cem. Teacher training spending would Increase 13 per cent but admissions only about 4 per cent. This reflects theswitch away fro miraining sinff to teach the declining mother of 7-16 year aids in compulsory schooling in favour of these favours schooling in farour of those for rursery and infant schnals.

The hidget olso recommends the expansion of troining places for specialist teachers, both in the final specialist teachers, both in the final three years of camprehensive schooling and in the upper second-ory sebools, which coter for 16 to 19-year-olds. Training places for music teachers will rise 34 per cent and those for ilomestic selence and important and crafts which the 15 to 15. industry and crafts subjects by 10 per cent and 20 per cent.

The heard plans least growth in the technologies, with unity u 1.5 per cent rise in both spending and the number of new students. However, work is to go ahead an developing the vocational-technical calleges sterted in 1975.

These offer higher training far workers with ar least four years' experience in one of seven key industries. Courses last 18 manuts with student intake being taken con-secutively. Mosr of the 12 colleges now have their second generation of students and admissions have risen to 510.

Regarding research, the board reconnuends major increases in spending on the humanities (up 32.4 per cent) and social sciences (up 24 per cent). This is to offset

French Budget proposals

# Jobs and promotions to be held in check

from Guy Neave

Little respite for the hard-pressed universitles is contained in the 1978 hudget for higher education. The Ball, to be debated inter this year in (£1,352m) for all sectors of higher education—some £.8 per cent up an lost year. However, with inflation running at eround 12 per cent; this represents a cut of some £.8 per cent; this represents a cut of some £.8 per cent; this represents a cut of some £.8 per cent; this represents a cut of some £.8 per cent; this could follow the first per cent; this could follow the first per cent in the could be compared to the naw second cyclo dagrees.

Promotion prospects seem equally dim. Over the past three years net trements hove been under 150 or one all to or one 100 one all the could be compared to the naw second cyclo dagrees.

Promotion prospects seem equally dim. Over the past three years net of the past three years and ore likely to fall to oround 100 one all the past three years are three years and ore likely to fall to oround 100 one all the past three years are three years and ore likely to fall to oround 100 one all the past three years are three years and ore likely to fall to oround 100 one all the past three years are years and ore likely to fall to oround 100 one years are three years are y represents a cut of some 4 pe rcent lu reol terms over lest year.

Among the hordest hit grees will be expired. Equipment and staff remainders to be expired. Described as the research diture will be pared back to Fr300m. This compares with Fr350m for the previous year. Parpicularly affected are building programmes to teaching bospitals.

PARIS created, most of them already cer-morked for modical incuities and for lecturors teaching the naw "second cyclo" dagrees.

At present there are thought to be some 600 melires assistants (equivalent to a British university senior lecturer) with the necessary experience and qualifications to merit promation to prinipal lecturer-rosdor or to professorial status. Only one-third will in fect be promoted, most of thom on e personal basis. This means then if the holder moves alsowhere the note for the professorial and the senior of the professorial professor

are building programmes to teaching bospitals.

Justifying these hefty cuts the Ministy of Finance pointed out thet home student numbers over the past threat years have steedily been falling. Estimates for the coming year reckon the number of French entraots to higher education will drop by a further 0.4 per cant.

In fact, the overall growth in encolonents since 1974 has been kept up only by a massive influx of foreign and overseas undergraduates, principally from countries of the extra pally from countries of

cles this year.

Recruitment of teeching staff will tain its 1977 level—an ochicvement similarly be affected, though not in itself since fears were considerable personnel. The coming object in its personnel is coming object in the personnel in itself since fears were considerable personnel. The coming object in the personnel is coming object in the personnel in itself since fears were considerable personnel.

A STATE OF R

Universities

Polytechnics

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SENIOR LECTURER IN ENGLISH

University of Melawl, Zombe

University of Melawi, Zombe
To tsech Eoglieh to university studente, especially
those who are troining to become teachers and to
supervise postgraduata students and the lenguage
laboratory Oegree in English or Modern Lenguagee
and MA in English Lenguage or Linguistice.
Substentiel exparience of teacher training for
secondary schoole and ability to use a language
laboratory essential. Experience of examinations work.
CCTV and ESP desirable.
Selary 55 213-57 054 plue 10 per cent inducement

Selary: £5,219-£7,054 plue 10 per cent inducement

Beosfits: pereconi and children's allowences; fres fumished accommodation: modical scheme; employer's partian of superminucion, 2 year contract.

Cinemetography, The Central Institute of English and Foreign Languages Hyderabad.

Experience in producing and directing educational lilms and lelevision programmes essantial; some teaching experience, preforably in ELT, dasirable.

Balary: £5,210-£7,054 plus 10 per cent indecement

Benetile; free lumlehad accommodation; per

and children's allowences; medical echeme; employer's partion of superanoualion; 2 year contract.

(Malawi)

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Critics in the Commons

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# LETTERS TO THE EDITOR

## NELP dispute

insist that it is in it primy for tion of collecting books at his alone, that the library hexautd needs unique proteins.

Secondly, if the false of mine vities has been to recome that he first that of their based in the present but to the farm, it can hardly be logical to ten he help, especially in the sake of the history of the presentes that the universities he history is the gottones which has created the source presentes that the universities he had in realst.

If nur libraries are to surnet any serious sense they will have

Classified Advertisements Index Appointments vacant Plight of librarie

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Inetitute of Education, Rangoon. Degree, poelgraduale qualification in Linguistics, plied Linguistics or TEFL and previous overseas alery: 25.210-27.054 plus 10 per cent

Inducement allowance.

Benefits: free furnished accommodation personal and children's ellowences; medical acheme; employer'e portion of superanhuellon; 2

COMMUNICATION SKILLS IN ENGLISH PROGRAMME KING ABDUL AZIZ UNIVERSITY, JEDDAH (Saudi Arabia)

This programme has been developed over the lest 2 years with British Council professional support

Raquired for January, 1978, or earlier.

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Colleges and Departments

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Graduatee, men only, with a poetgreduele qualification in TEFL and axpartence or interest in Teaching English for science and technology. In the case of science graduates the TEFL qualification may

Selary : £7,082-£12,952 p.e. Selary: £7,082-£12,502 p.e.

Benefite: Irse furnished occommodalion is
provided but single candidelee will have to ehere;
80 days annual leave; 1 year confrects, probably
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(india)

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Relevant MA degree and experience of lealing and community work essential. PhO and research Belery : £5.210-£7.054 plus 10 per cent

Beneilte: personal and children's allowances; ree lurnished eccommodation; medical echame; employer's portion of superemnation; 2 year contract. 79 TO 145

DIRECTOR, INSTITUTO CULTURAL

(Uruguay) Instituto Cultural Anglo-Urugueyo, Montevideo

Required from mid-Februery, 1979. Oualiticellone: degree with PGCE, MA in Applied Linguistice or one year postgraduate TEFL qualification desirable; 6 years relevant experience. yeara relevant experience.
Selary: 25,210.17,054 h.g.
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Return lares are peld. Local contracte ere gusrenteed by the British Council. Places write briefly eleling qualifications and length of appropriete experience, quoting relevent reference number end title of poet, for lurther details and epplication form to The British Council (Appointments), 65 Device Bireel, London W1Y 2AA.

Other classifications Awards Announcements Exhibitions Personal Courses

Official Appointments

**Appointments wanted** 

#### UNIVERSITY OF AUCKLAND New Zealand

Holidays and Accommodation

Commoncing celery within the appropriate scale will be deter-inined according to qualifications and experience. At present, soleries are supplemented by a cost-of-living allowance of NZ\$305

Leclurer: NZ\$9,874 to \$12,175.

Senior Locturer: NZ\$12,817 to \$14,637. In exceptions) cases the Council may extend this scale to \$16,634.

EDUCATION-Lectureship:

This peal to within the Centro for Continuing Education. Sympathy with the objectives of continuing education and insights into the educations could be a subject as a particularly decirable. Experience in adult aducation and a good knowledge of the New Zestand education system, particularly of the University, would be

Zeeland aducation system, particularly of the university, would be no odyshings.

Candidates should have a good degree in education preferably with stements of aducational psychology, methods of aducational feeling auryeys and stellatics; and proven research oblity in one or more of these fields. Oulles would include the promotion and organization of courses, cominers and conferences, and looching and research in the general field of education.

CIVIL ENGINEERING-Lectureship :

Tosching and research isboratories are operated in Iluid mechanics, soil and rock modernics, olvi seginearing materiale, public hostin engineering, and dructures (Including a test Idox). Applicants should be well qualified in Civil Engineering either with an henoure degree at becholor level or with postgraduole qualifications in one of the subject sees. Sinctured Machanics, Machanics and Proposities of Materials, Although not essential, protoceloral civil engineering experience would be a considerable adventage.

MECHANICAL ENGINEERING-Lactureship:

Current rosearch scilvilles are in the fields of: mechanics of delormable solide; production technology, industrial scredynomies; lurbelont beandary large flows, two-phases tlows; energy conversion and all fisalism; wind power; blood flow studies; blomechanics; industrial engineering. Applicants should have a efrong scadente beskground in Esginarille, proferably with education at the postgraduate laws. Atthough rosearch, industrial and teaching experience to regarded as important, it is not essential that explicants about the experience in all three, it is hoped to recruit a person who is qualified in one of the loilowing fields: Mechanics of Metolishs; Menulacturing Engineering; Theory of Machines.

FRENCH-Senior Lactureship or Lectureship : Candidates should have opaciol qualifications and experience in teaching French at university level. Although this is essentially a language teaching post, additional qualifications in other listes such as applied linguistice, social history or specific lifecory areas should be stated. Research interests checked also be specified.

OPTOMETRY-Lectureship.

Applicants chould have a higher degree and an optometric qualification that would silow them to be registered as optometricle in New Zeoland. Special interests in optice or physiological optics would be an edventage atthough applicasts with other interests would be concidered. Applicants should be willing to undertake clinical supervision in edition to teaching.

POLITICAL BTUDIES-Lectureship :

The Department to Inderected in appointing a Lecturer in alither of the following or, preferably, o combination of both; the political, social and structural copacie of broadcasting systems and maso communications in general; the history of twestleth century political thought. Applicants should state that flaid or listes at interest, logother with any subsidiary fields in which they are able to leach

MURDOCH UNIVERSITY **VICE-CHANCELLORSHIP** 

The Sensie of Merdodh University as seeking to appoint a successor to its first Vice-Chancellor, Protessor 6. Grisw, who is resigning at the and of this year to take up enother oppointment. The Chancellor, the Hon. Mr. Justica J. L. C. Wiskhem, would be pleased to reserve sonilidential enquiries from interspied persons with appropriate experience and qualifications, and to hear from others who may be prepared to august the names of sersons who might be opposed as the control of the

Formal applications should reach the Chancoller not later than Nevember 39, 1977.

THE UNIVERSITY OF THE WEST INDIES, TRINIDAD

**PROFESSOR OF** 

CHEMISTRY

Ssiary scale, \$1977.78, Professor, T1\$30,729 to T1\$46,460 p.a. (£) siering squelo T1\$4.10) FSSU. Uniurnhand accommodalion is evalishis at 10 per cent or jurniched at 12 per cent or professorable safay. Up to live ist econgmy, possegss on appointment and on norman terminolion. Study and Trovel Otani. Catalina spplication to Secretary. UVI. 81. Augustine, Trinidad, as occur son to eli applicante.

## DEAKIN UNIVERSITY GEELONG, AUSTRALIA

Doakin University was incorporated in 1974 and on 1 April 1977 absorbed nest at the functions of the Gordon Institute of Tochnology and the State College at Victoria at Doctore, in 1978 the University will have appreximately 3,599 students including 1,000 in off-campus studens. The main compute of the University is on an 80 hoctore and at Watern Ponce, 9 kilomotres coult-wood of Declary.

The University is eacking to bit the following posts.

#### School of Commerce

Planning Dean (Ref. 77/19/0)

The University is enclose to extend and diversity its ecodemic indicates and this applies porticularly to the School of Commerce. The task of Pisnning Doen will be te expend the existing programme which already offers histor sequences of study in accountancy, administration, acconomics, date processing and legal studies, and to recommend new major sequences when appropriate. In addition to those undergraduste programmes it by envisaged that the Planning Open will develop postgraduate and extension courses. The appropriate will be a mainter of the Account Planning Geard and will be expected to play a major role in developing undergraduate and postgraduate leaching in the apprepriate tiolds, featuring inferdisciplinary studies, assistant in developing undergraduate sersing in developing cultifering for the programmes and implantanting programmes of research along wish to involve itself with the noods of business, government the appointment will never as Planning Class and to the last

alsong wish to involve (teel] with the noods of business, government and institutions. The appointes will carvo as Prenning Deen for a period of not less than three years in the tirst instance. Subsequent appointment to the Deenship will be by an ofaction from senior stell nombers in the School (including the Pranning Deen] for lines year terms. The Prenning Deen will hold permanent forms as a Professor of the University from the date of his appointment. Permanent should be either retreams with wide business of clica. Applicants should be either retreams with wide business apparatus who can demonstrate an intercet in management aducation or accumace wire proforably layer had eignificant experience in business and/or public administration.

Closing date for this position is 12th Occomber 1977.

School of Education

in 1976 there will be 700 equivalent tall time undergraduals student of wham 150 will be eff-compus registrations. The academic staff

Senior Lecturer in Curriculum Studias (Raf. 77/1/10) Applications for the above post are invited from candidates possessing a higher degree in education and research intotests in curriculum design, development, evaluation and innovalian.

Cognitive Psychology Ressorch and Development Group Positions

Applications let the following posts are invited from condidates with a higher degree in psychology.

Lecturer in Experimental Child Psychology (Ref. 77/1/11)

Applicants should have research interests in the experimental study of cognitive development.

Lecturer in Cognitive Psychology (Ref. 77/1/12) Applicants should have research interests in memory. Experience in the use of computer simulation techniques would be an adventage. Closing dale for these positions is 9 Oscember 1977

School of Humanities

The School of Humenities is preparing courses of an Open University kind for off-pempus students and applicants for the tellowing posits should have an iniciast in off-campus functing. Further details about positions may be obtained from the Dean, Prelosser Max Charlesworth, and in the case of Avairation Studios, from Prelosser-designate Western Bate.

Professor of Literature (Ref. 77/1/13)

Applications are invited for a professorial appointment in the size of Litoreture.

The School of Humanities plans to develop interests in the field of international literature and the interdisciplinary connections between togy, sic. Covelopments are also planned in Oreme Studies and Crestive Writing.

History of Idaas

Applications are invited for two positions—Reader (Ref. 77/1/14) and Lecturer (Ref. 77/1/16) in History at Ideas.
The School plants a major development in History of Ideas will particular reference (I) to the cannocilous between Philosophy and Literature and the visual aris, and (I) to the development at the luminal sciences, thatery of Ideas will be associated, within the growth area of Philosophical Shalles, with Philosophy, So, lai Shallos and Roligious Shalles, and It is hoped that those will be a shough inordisciplinary emphasis in this area.

Lecturar in Austrolion Studies (Raf. 77/1/16)

Applications are invited from scholars with approaches that will contribute to the development of interdisciplinary courses on Australian tapica. A lirar curres, "The Australian City", which has historical and illarary perspective, is to be efforced in 1978 and later courses on regionalism and Australian chose are holing developed for 1970 and 1980.

As the entrinsis of futer courses will be interested by the interests of the appointer, applicants should make lirar sinteness elsew the proposition of the interests to the development of Australian Studies courses and indicate the suitability of these inforcests for the proposition of oil-campus courses.

Applications are especially invited from demographers, geographers, political actantials and sociologists, provided they wish to pureus their interests within the general climate of a school of humanities. The appointment may be made either lixed term (titrae years) or language data that the second of the proposition of the proposition of the proposition of the proposition of the propositions are especially invited from the propositions of the proposition of the proposi

Closing date for these positions is 19 December, 1977.

School of Sciences

Professor of Computing (Ref. 77/1/19)

Professor of Computing (Ref. 77/1/19)

Applications are invited for the Foundation Chair for Computing. The School of Sciences has three divisions: Computing and Hallindinalics, Glological and Hallin Sciences, and Chemical and Physical Sciences. Each division has an elected administrative chairmen, who reports is the Dean of Sciences.

At present fitie Camputer Section of the Division of Computing and Malliumetics conducts courses in date processing and computer sciences at undergraduate and postgraduate levels. As the merket dome not by graduates cames principally from commercially oriented course, the present undergraduate course is designed to cessel in Candidates should have domenstrated accompilations in the applications of computing to commercially in research and seascloid teaching hrograms. The Scheel of Sciences is located of the Weurn Penda compile and large RECSYSTEM20-60 time-share system with be invisited there during 1978.

Reader in Biology (Ref. 77/1/20)

Applications are invited from control blooglets for a Roadneship in Glalogy within the Division of Biological and Heelth Sciences. Eportonics in modulest nitroblology would be porticularly appreprinted but candidates with experience in other areas at the life actorical finite development of research and leaching of Biology within the University. Closing date for these positions is 16 december, 1977.

School of Social Sciences

The Behogi Invites applications for a number of seadsmio posts. One of those may be a Resdevable [Ref: 77/1/21] in Economics or Peillical Science. The others will proferably be three at low proferably have special interests in: Economic from Application about of Underdevelopment: Nuclear Stretopy and Ause Control; Politics of Ocealoging areas (Airles or Oceania): 19th end 20th control; politics of European, Informational or Commentumental History: Economic or Politics Anthropology (Africa or Oceania): 19th end 20th Commentumental History: Economic or Cleaning data of these pestitions in 4 Oceania. Clasing delo lor lhaso pavillona la 9 Docember, 1877.

Cleaing delo for these perillone to g Docember, 187
SALARY LEVEL® per numum (Amairation deliute):
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Applications about quote in relocance number and littledn a initiating interest and interest and interest and interest and interest and interest and, in the nase of applicants for posts at Rede trust Profuserest seet, a recast principlesh.

Those should be sent to the undersigned so as to errive by the mappedive classing dries. Applicants fuesded in North America, Europe or Aircer chould also sone to copy of their applications to the Association of Commanwhelt Universities (Applications 10 flee Association of Commanwhelt Universities (Applications 130 Coulon Association of Commanwhelt Universities (Applitments), 30 Coulon Squars, London, WCH OPF, from whom further details ubout positions can be obtained.

P.O. Ges 125, Galmont, 3216, VICTORIA.

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Positions, both at the Junior and Senior Professorial levels, in the School of Social Sciences, Duties in votre graduate and undergraduate sections of the senior professorial in the areas of microthecvy, econometrica, end other basic topics, especially os they relate to the senior public policy. Research areas preferred; theoretical and suppliced problems in the sreas of public policy. Research areas preferred; the series of public policy. Research areas preferred; the series of public policy. Beautiful seniors, public capacitation with the pon-markets section of seciety. Conditates research areas should compliment the inditates of the compliment the interests of the existing lectrity. Applicants must possone the PhD; post-dootest trained is preferred. Only applicants with outstanding respect; and/or relocences will be consistered. Applications from all genitled candidates are wolcomed; minoriales and women are encouraged to apply. Send curriculum vitae and the names of live references (three in the case of Junior position) to:

Deen Christian Werner, School of Social Sciences, University of California, Irvine, California 92717 Equal Opportunity
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#### UNIVERSITY OF NAIROBI KENYA

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in the Department of Sciency.
Applications are invited from highly quotified individuals with committeen to leave the with committeen to leave the plant physiology or possibilities include participation in the introductory occurse in plant function and expensions. in the infroductory occurse in plant function and advanced undergraduate courses in plant post-graduate courses in the area growth and development plus of the applicant a research inferest. Safory acales: K2,772-K3,600 p.s. Lacturer K21,800-K28,695 p.s. [K1 = EL. 89 eterling). The British Geverament is unlikely to provide safary supplementation and escololed benefits. FBSU: family passages various allowances. Detolled applications (e. currioulum visco) and a series on the safety of the course of the safety of the safety of the course of the safety of the safety of the course of the safety of the s

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Education.

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## MURDOCH UNIVERSITY Porth, Western Australia

Mardoch University, Western Australie's second of versity, admitted its first students in Fabruary, eggent of University is committed to taking a fresh epotent higher education, with the goat of responding destroit in the conditions and needs of the late twentieth carby this is railocted in ministern policies, organizations arructures, programmers of study, philosophies of the late.

The University is organized on a system of selection of study, with the Dean of encit school having both as demic and minimistrative responsibility.

Applications are invited from entiably qualified processors for the following position which is to be taken to by 1 January, 1978, or as soon thereafter as possible

EXTERNAL STUDIES UNIT (Oliector Mr Patrick Gulton)

# **EDUCATION OFFICER**

The person appointed to fill this Academic point will be responsible to the Director of Externel Studies of co-ordinating the extended presentation of courses du termination of course du termination of the proposition of the proposition of the proposition of the proposition of the programment of the program

The Education Ollicer's work will include cless The Education Officer's work with include closs operation with academic stall of the Schools in the faliopment and systematic evaluation of distance faliopment course materials; student counselling; the organisation support eervices for extornal students and development in Continuing Education and Tertlery Extension work.

Salery: Lncturer Schla \$A14,632 to \$A19262 pt

Conditions of appointment include superanness similar to F.S.S.U., long sorvice loave, assisted by leave, payment of laros to Perlit for appointee and appointment family, removal and sellling-in effeware of house purchase schemo.

PROCEDURE FOR APPLICATIONS: There is no per cribed application forth, but TWO COMPLETE SETS of detailed applications, quoting the reference number, in cluding full personal particulars, details of letting of licatione, careore history with description of post will ereo of epecial companience and interest, research corpleted or currently being undorloken, personal stars pleaching, manuforship of profossional institutions at seeing, and poellious of responsibility in these; list of the vant material published by the applicant, when which in take up approintment it offered and the material addresses of three profossional relarges show met in Australia, (153, by 21 October, 1977.

Applicants should request the three professional reference to write inmentiallely, quelling the reference was bor, to the Personnel Olicer, Murdoch University.

Applicants tasidant in the United Kingdom, Europe ar Airica at the line of application should she kined ONE further copy to the Association of Commented Universities (Applis ). 36 Gordon Square, London WCIN OPF, from whom further transfer may be obtained.

## THE UNIVERSITY OF PAPUA NEW GUINEA

(PORT MORESBY)

(PORT MORESBY)

The Opperimoral of Anity prolony and Sociology invites applications for LECTURER of RACE 2/SENTOR LECTURER in MELANSIAN AND THOODOLOTY. Applicating abouted have had field experience in Melanosia. The Springing and the permattly responsible for testing courses in Lietunusian minitopology at infreductory and so vanced lawel. Holding with mide to involved in relatificationary courses at Proleminary or Firel Year level. The appointes will be especially be purely in editionary prospective reasons workers to Pepus, How Chimus, on reasons programmes and the applicability for his one or fine country. The Department coverage in minitopology, acclaigng, eachst work and prohibity and is at preaem advertising for a new Professor, whose main inferests and expertises are invited to the areas of applications are invited to the areas of applications are invited to the development of the property o

Universities continued

The second secon STATE OF KUWAIT Kuwait University

# Academic Posts for 1978/1979

applications are invited for the posts of professors, assistant professors and lecturers. Contracts com-nected from 1st September, 1973, for two Years, retornable for a further period of four years. If each open to both oppicant and the University. Applicant should ba :---

Applicant Shouth to a serious of the equivalent for the respective specialization, tai indice of the degree of the equivalent for the respective specialization.

101 Heider of an accountic past of present in the accounted university or research centre. it should be noted that :--

Field of Specialization:—
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Nothed at teaching at Kuwan University is based on the credit system.
Distributed of Education: Educational 12-yellology, Foliabilities of Education.
Units and salary will be determined according to present position, modification and years of experience. Monthly lotal salaries are in the range of :--

ROBBET (U.S. Asil, Professor): KD Jent-KD 500, Add professor (U.S. Asine, professor): KO 676-KD 660, Professor (U.S. Asine, professor): KO 676-KD 660, Professor: KO 666-KD 755.

Profesior: SO 660-KD 753.
com KO is confesion! to U.S. dollars 3.5. There to no income inc fo Kurvall, currency to freely trans-ferable without any residification.

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Candidates are elec entitled to the following privileges:

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#### KELVIN GROVE COLLEGE OF ADVANCED EDUCATION

BRISBANE, QUEENSLAND, AUSTRALIA

Kaivin Orove Cellege of Advinced Education is an autonomous, methocational College with its major omphasis in teacher aducation, its teacher aducation, its teacher aducation programme multide impervice content for Pre-School, Primary and Secondary Icaula-ru, in-service part-line and extend courses leading to an uppracting Diploma in Teaching, pot-precists courses in Outdoor Education, Researce Teaching, and teacher Uberjanship and a post-practice Original course leading to a Barrier of Education. In addition, Associate Original Courses in Residential Care, Visual Alia and Parlamining Aris (Theutist ore class). A new course in Pertaming Aris (Theutist ore class), A new course in Pertamining Aris (Dance) will unemence in February, 1978.

The College overlooks the city train a position two kilometres from as between centre. Student constituent in 1977 is approximately 2,300.

Applications are invited for the position at :

#### REGISTRAR

REF. NO. 77/A/16

DESCRIPTION

The applicate will be the older administrative efficar of the College responsible to the College Council and the Officer of the College asserting and extensic efficar of the College. The appointment of the College. The responsible for ell operations of the College. In responsible for ell operations of the College in responsible for ell operations of the College in responsible for ell operations of the College in responsible to the college and publishers. Bandsooks, course of earlier and jugislations, individual ellipse appointments, coursed et all appointments, coursed of all appointments, and publish communication. Be appointed will be account in the College Content and also be responsible for secretarial massives in Council Communication and the College Deard. Additional information will be provided on account.

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Experience to academic teaching analysis landers would be academic described and provide the contradership and absolute control would be academic academic teaching analysis landers control would be academic academic teaching analysis landers to the appoint. desirable additional qualifications.
The successful applicant will be respected to infecting the appointment at the communication of the 1970 academic year.

SMARY: Namely within the range \$10,674 to \$22,650.

CLOSING DATE: OCTOBER 31, 1977. Appleations, stating full personar and otherwithing details and voca-lines appellance, should be marked " Confidential " and additional to be director, Kelvin Crove College of Advanced Education, Victoria Par Road, Kelvin Grove, Queenstonit, Australia 4059.

Girton College Cambridge

Cambridge

Applications are toyled of the taree research tellow in this open to graduates of our miversity and touchle of the three years from 1st of the three years from 1st of the three years from 1st of the three to the tare is offered for our learning except of the tare is offered in any branch of the tare is offered in any branch of the tare is offered in a distribution of the tare is offered to tare is offered to the tare is offered to tare

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UNIVERSITY OF **CAPE TOWN** CHAIR OF PHYSICAL **OCEANOGRAPHY** 

Applications are invited for their Clair of Physical Oceanography. Appointment, scoreling to until heathers and experience, will be made on the salary scole in 10,800 x R430-R12,600 x R600-R13,300, plus a pen-loughly distance of 10 per cuit of hade shalar.

The specialist candidate should The successful candidate should have appropriate toaching and research experience within the broat high of Physical Geomography, preferably in geography calculated the dynamics in addition to have teaching duries at independent between the capability encouraged to pursue his own resuch programmes, and those of graduate research students under his supervision, for which he may expect ample flogated support.

Antiferate should reliefly a cur-

Applicants thould minuit o curriculum vitae, stating presentiday, details ut reaching and research esperience, interests and publications, date available if superioned, and the manes and addresses of three relayer.

Memoranda concerning the Beparlayes, and gagerd conditions and strates, into the obtained from the Registray, Rosen 1, University of Cops Town, Private Own, Rungdoorth 1706, South Africa, by whom applications to be received not here than 16 Nuvember, 1977.

#### NATIONAL UNIVERSITY OF LESOTHO Applications are invited for two

**ASSISTANT** 

LIBRARIAN

Applicants should protently have a degree plus a Higher Digitions in Libiartenship or ALA or MLS/MA Libiartenship! and should be femilier with the Angle-American Cualeguing with a 167 and the Dewey Decision Considering the Edition. It is expected that the aucosabili applicant sheuld niso have relevant applicant Libraries (Seckahap). A Librarian with professional experience in the Acquisitions Department is made the University; and to Other and between the Genekahap and the University; and to Other professional dulles in the University of the Control of the C

University of Weigs OWIST

DEPARTMENT OF MATHEMATICS TUTORIAL ASSISTANT (expected to work for PhD)
Preference will be given to
applicants with research
interests in Computer
Simulation Modelling or

Simulation Modelling of Allied studies Poetgraduele experience or Masier's degree in a talevant subject required, Salary State 12304: £3118; £3333 Requests (quoting Ref.

Requests (quoting fist.
THES) for details and application form to Personnel Section (Academic), UWIST, Cardiff CF1 2NU

Closing date: 26th Oct. 1977

Applications are invited for the post of SEHIOR LOCTURER/LECTURER IN PHYSICS, University of the West Indies, et. Augustine, Trinidad. Spiery Scales: Senior Lecturer: 1977/79: TT \$22,827-T1834-017 p.s. Lecturer: 1977/79: TT\$19,071-T1\$29,799 p.s. [21 signing equals TT\$4.18]. FSBU Usiumished anochtmodslice if available at 10 per cent, or furnished at 10 per cent, o Delaited applications naming three (3) roisroes to the Secretary, UWI. Si. Augustina, Trinidad, as soon as positive. Defails of post sent to all applicants.

THE UNIVERSITY

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UNIVERSITY OF GUYANA

APPEN TRUNG ARE ISLUTED FROM SPILLINGS OF JURISLES CONTROL FROM OF JURISLES AND SPILLINGS OF

VACANCY--LIBRARY

SENIOR ASSISTANT

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TECHNICAL SERVICES

IN THE UNITED AT THREAD?

The mindown qualifications required are advanced professional qualifications, or a first deprice plus port-graduate gualifications in Idearianchip, plus at least two years' expedience of relevant University Harary work.

Salary will be on the Lecturari's nior Lecturer scale, (199,000 to \$18,000 per mount Chieding equivalent to approve, \$11,700 for \$13,500, with early point according to qualifications and experience. The appointme will be reasonable for superving the experience of \$15 all in the Acquirations and Flatabouring Nections and will act as Chief Flatabour A Embedder of the \$1.75 checitic-floar will be an advantage and experience of stall training is destrable. Almoster fermitted from outraxes will be provided with up to four 40 lift economy of tares ffor himself, wife and unmarried children up to \$2 years of user. Limited removal expenses, a settling-in allowance and honolog allowance will be point. Vacation/Suidy leave after three (Vacation) and who are will be point. Vacation/Suidy leave after three (Vacation) and contents. Contributory medical and pension selections in operation.

leave after three 13 conventive years at service with and pension and upon renewal of contract. Contributory inclient and pension selection in operation.

Application (1) copies stating dare of birth, qualifications and addresses obtained, experience with dates, runner and addresses of these referent town of the reference must be your present or last employer where appropriately must work the Personnel Distain. University of Grana, P.P. Box 841, Georgetown, Guana, South America, before triciber 15, 1977.

Further pattentials about I lineary available upon respect. A REAL PROPERTY OF THE REAL PROPERTY OF THE PR

#### SENIOR POSITION IN SHAKESPEARE AND RENAISSANGE DRAMA

Applicants should have distinguished publications in this great and capotiones tenching and supervising graduate cludents. Finnk and enlary will be commensurate with qualifications and experience. The appointment, subject to the evallability of funds, would be altective July 1, 1079.

Applications should be sent by December 1, 1977, to Professor John T. Ogdan, Acting Head, Department of English, University of Monitobs, Winnipag, Manitoba, R37 2H2.

AUSTRALIAN NATIONAL

UNIVERSITY

Institute of Advanced Studies

RESEARCH SCHOOL OF

#### UNIVERSITY OF NAIROBI KENYA

Applications era invited for i

SENIOR LECTURER LECTURER in the DEPARTMENT OF

PHYSICAL SCIENCES The University seaks to appoint a lieute of the flesourch acheot of Physical Sciences to succeed Professor Robert Gircel, FIP, FAIP, FAA, who will be loswing the University in February, 1972, to lake up the post of Vice-Charcellor at the University of Western Austrelia. Applicants must be quelified in any of the following: Torrestitles Ecnicyty, Marine Ecology, Molecular Danolies and Population Ostolice. Tinny must have a Ph.O. In Bofeiry with extensive losching and research experience as evidenced by published work. The appointoes will be expected to take part in the loading of both undergraduate and postgraduate curiens and to develop rigorous research programmes in hield areas of appositivation. Selary scales: Santer Locturer K21,800-K23,909 p.g. (KCI=\$21.38 alarling). The brilles Government may supplement assertion in range 23,354-81,128 p.o. (storling) for married appointed or \$1,184-22,830 p.s. (storling) for arrived appointed or \$1,184-22,830 p.s. (storling) for arrived appointed appointed to consider the constant of the constant

center at the Utriversity of Western Austrelia.

The Island of a Research School ta responsible through the Vice Chancellor to the University Council tor the operation and development of the operation and transfel management. The Director's most important role is that of scientific isadership; academia distinction within an area approprial to the School is liprofers escential. The Research School of Physical Sciences carries out basic experimental and theoretical experimental and theoretical sciences. The work is organized that seven departments with about 100 academia siell, 00 research students and postdectoral tellows and 200 supporting stell There are andergraduale students. retroll, P.O. Sinx 30197, Herroll, Konya. Applicants roeldent for UK simuld elso send it copy to injer-ticloreity Council, 90-91 Totionham Court Roed, Londen WIP OOT. Further perticulars may be obteled from sither address.

These who may be interested in being considered for life appointment are invited to write, as each as possible, to the Vice-Chancellor from whom further intermetion may be obtailed. PO Sox 4 Canbarra, ACT, 2800. Australia.

LEEDS THE UNIVERSITY DEPARTMENT OF POLITICS

POLITICE OF DEVELOPING

Applications are invited for a post of Lice Turker in the above department from parsons with suitable qualifications in politics or detailings, fine in politics or detailings, the politics of the politics o Sciency will be at an appropriate point of the Lec-tures scale, £3,533 to £5,605.

Application forms and further particulars may be obinter particulars may be obintered from the hegistury
The Dallyman Local LatAuf, quoting furthers plusper 14/2/10, Clasing dete
for application 11th Novozaber, 1074

#### UNIVERSITY OF HAIDOBI-KEHYA

UNIVERSITY OF IMAIOCAS—KERYA

Applications are Joyled for the past of DHECTOR OF THE HYSTITISE OF COMPUTHI SCIENCE. Applicants should have a PhD or equivalent in a discipling relevant to Computer Spicions plan so and rest act to represent or computer Selence compilers before or compilers selence compilers of selence compilers of the selence compilers of the selence compilers of the selence of compilers selence compilers of the selence compilers of the selection of compilers selence compilers of the selection will be responsible to the management of the institute wilder and contents of the institute wilder computer centre will be respective institute, which currently has show opening in factor than a selection of compilers of the selection of the selection of the selection of compilers of the selection of the se

Applicants resident in UK should else send one copy le futer-University Council, 60/91 Tottenham Court Road, London Wif UDY, Further parliculars may be obtained from alther address.



#### CAREERS ADVISER

Applications are invited for the peet of CAREERS ACVICER to jein an enleting taum. The wolk involves advising students on careers, employment apportantiles, turtier aducation and training, with associated duties. Condidates should be gradectes, preferably in ocience or technology, with experience of industry or any other graduate smplayment area.

Salary within assis \$2,904-25.827 (under review). Closing date for applications Sist October. Posicard requests for further dotalls and application form to Paul Johnson, Establish-ment Officer, rai. 77/30AD[1]).

Loughborough Leicestershire

UNIVERSITY OF THE

**CHEMISTRY** 

1.

WEST INDIES, TRINIDAD LECTURER/ASSISTANT LECTURER in INORGANIC

in the Department of Chemistry, Galary scales (1917-78), Locturer, TT\$16,071 to \$29,799 p.a. Assistant Locturer, TT\$15,480 in \$16,874 p.a. (£1 sterling aquate TT\$4,18). PSU, Uniuminated accommodation, if available at 40 per cont or furnished at 122 per-cent or housing allowence of 20 per cont of benefonable salery. Up to live full economy posseges on appointment and on normal termination. Gludy and Traveling three (3) referees to Searctery, UW, SI. Auguslino, Trialded, as soon os possible. Details of post sent to old application. The porson spooned will hold o Cheir in the University until religing ago. The term of officers Director will be fixed by the University in consultation with the person recommended.

LANCASTER

ACCOUNTING AND Applications are invited for a CHARL in ACCOUNTING and FINANCE which is one of three ritales in the Department of Accounting and Finance. The post in female from 181 Regionales, 1278 or such Ist Sectornoe. 1973 or such antiler of loter date as hay be arrived of loter date as hay be arranged. Applications (9 copies: should be authorited by 3e November, 1977. Further, parliculars may be oblighed the public of the public of the sector like the sector of the

LONDON UNIVERSITY OF LONDON RESEARCH ASSISTANT

Applications are invited for one war opportunities in the property of the prop national accuming data re-gatively.

Salary in range 25,765 give isone a nicoyane of C450. Immediate appoint-ment.

Application forms and for ther distalls thing the flephy Berritary Titisty. Birtheck College, Maid Street, London



#### There's a trively and produced the Company and Company to the product of the production of the contract of the Universities continued



Applications am invited for the tollowing posts, for which applications close on the dates shown. GALARIES (seless elbervice stoled) are as follows: Sonior Lecturer \$A18,878-\$A22,855; Lecterer \$A18,878-\$A22,855; Lecterer \$A18,632-\$A19,878-\$A22,855; Lecterer \$A18,632-\$A19,878-\$A22,855; Lecterer \$A18,632-\$A19,878-\$A22,855; Lecterer \$A18,632-\$A19,878-\$A22,855; Lecterer \$A18,632-\$A19,632-\$A1 3A14,532-5A32,282, Fullion delette, coedillenn of appoletment for each peat, method of application end application lerm, whate application may be ablated from The Association of Commonwealth Universities (Apple.), 36 Cerden Square, Lendon WC1H GPF.

Flinders University of South Austrelia LECTURER IN ACCOUNTING School of Social Selence The appointed will Join the Reader in Accounting in Render in Accounting to development of the University's postgraduate Diploma in Accounting course which will accept its their students in March, 1978. The appointure will be located in the discipline of Economics.

1220nomies. 28 October 1977, Mecquerie University SENIOR LECTURER SCHOOL OF EDUCATION

Teacher Education Program The successful applicant will be required to act as a constitution of courses in the teaching of lengths and Miscary in the lengibile and History in thus secondary school, it is desirable that candidates hold a higher degree and have administrative and secondary teaching experience withlat one motil of these desiphines. Preference will be given to candidates who also have hold experience in preservice and insertice teacher calculation programmes and have shown an active interest in recent the traching of lengths and/or library.

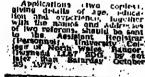
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UNIVERSITY COLLEGE OF NORTH WALES RESPARCII PROJECT INTO THE DELIVERY OF BOILDAY.

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LIVERPOOL THE UNIVERSITY INSTITUTE OF EXTENSION .



University of New England Armidate, New South Wales TEMPORARY LECTURER DEPARTMENT OF DRAMA

Appointer will take charge of a new Draws and The the methods course commewing in 1978. Duties will also heliade Lectures, interials and workshops in History of Drama and Detelopment of Theatra practice either Classical Greek to Case alghierath or early attachment for present day. Applicant allouds the well qualified in practical and academic aspects to Drama. Experience of Prinary and/or Socoolary feaching levels and of tertiary level training levels and of tertiary level training level sand of tertiary level training level and of tertiary level 1945-3.413, ast.

4 Non-ember 1977.

University of Melbourne LECTURER (LIMITED TENURE)

IN MODERN GREEK Department of Classical Studies Qualifications: Applicanted should find a degree Intelerably with howevers to these been engaged in postgraduate work, of which the sindy of Modern Oreck language and literature has tarmed a major part. Preference will be given to applicants who have qualifications also in livamine and/or Physical Greek. Applicants must be threat to Prigish.

University of Malbourne LECTURER DEPARTMENT OF LEGAL STUDIES

Faculty of Economics and Connecce The successful applicant will teach law mobile to Dashelor of low malnie to flacticitor of Frontiers totalents who may include Legal Strutters whiters in the one, two or street years of their comes. The first two years of their comes, the first two years of the Legal Studiest course for the Legal Studiest course for the Legal Studiest course for largely in Contract and Company Law with formate and Company Law with formate and the third year. The successful applicant would be expected to lecture in one of the first two courses in addition in a third year specialisation.

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UNIVERSITY OF CANTERBURY
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AUDIT THE OPEN UNIVERSITY

HULL THE UNIVERSITY DEPARTMENT OF SOCIAL RESEARCH ASSISTANT

EGGIAL SCHENCE GNADM-ATE regulared for man year in assist in a critical survey of the Unified Ringdom Hierature on martial problems which is designed to provide a lability problem. Textesy theoretical Home-marty and examine potentials

UNITED STATES UNIVERSITY OF PENNSYLVANIA

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(1) Art Edmatton.

(2) Recognites of Education.
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(9) Socialopy of Education,
The following options are
full-time only:
(10) Education of Children
with Dovamount Problems.

(12) Teaching English as a Porolon Linguage ispecial options.

option).
Multiod A tandblates man after topics related to the shaw or in other related arrow such in a surficilitim standes, further education and evaluation. A service range in adiacational statedes and research atolicals is provided for full-time statedals.

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Ciriling information and application forms may be obtained from the fingletist. University College, 12.0. Rex 78, 13rdiff Ct L IXL.

Applications should be sub-

SURREY

THE UNIVERSITY

Educational Psychology, Chicational Essistancy, History of Education, Law of Education, Philosophy of Educa-

DEPARTMENT OF PROLISH tepes lifty posity, will not note that the fitted.

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LIVERPOOL THE UNIVERSITY DEPARTMENT OF ENGLISH

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LONDON S.W.7 ROYAL COLLEGE OF AICE

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Faculty of Business, Barking Precinct Lecturer Grade II (Faculty Past)

The Faculty modes to appoint it icoluter to assist in the develop-ment of the part-line educational programmer. An appropriate degree or qualification, and work paperature to the general lipids of business of assangement is required. An interest in audio-visual lestings systems would be an advantage. IRE! S/AO 306A1

Department of Accounting and Finance A Principal Lecturer

is required to underlinks senior sendemic and administrative responsibilities in a Duportainent offering degree applications of professional accounts a professional accounts qualification and experience is ossential; a relevant higher degree is aspected. (Ret. S/AO 3088)

Lecturer II/Senior Lecturer Appointment

secturer sought to undertake toaching of aconomics an Gagras courses. Accounting and Finance and other Accounting courses. Appropriate Degree, with particular interest in Managorial aconomics, radited; higher dayres and/er relevant industrial experience degrees. (Ref. S/AO 306C)

Department of Systems and Computing Studies Lecturer II Appointment

Applicable for this post should have rocan commercial, industriol or teaching experience from among the steas of information systems, delebage technology and operating evaluation approprials according qualifications required and experience of ICL 1990 series would be an advantage.

(Ref. 5/AO 3050) Ret. S/AQ 3000

Department of Student Services, Barking Precinct Lecturer II in

Physical Education

The Polytechnic wishos is appoint a specialist in Physical Educillon from Juniary 1, 1078. The person appointed with be required is teach and promote purificipation in a broad recipational programme and there have be opposituating for caudidates to work with other Copartments in the Academic field and to develop such west, for which they may be gestificably qualified. Cardettos should have some knowledge of the administration of such recipation; good leading experience; a professional qualification in Physical Education and e dagree would be resistable. (Rol. S/AO 3065)

Laciurer 1

£3,278-£5,493 Senior Lacturer \$5,031-\$6,417 Principal Lecturer £5,040-£7,578 (six appropriate Government Supplements of up to a meximum of 1997 and appropriate London Allowance).

Further deletis and application form from :---The Senior Stelling Officer (2) North East London Polylacimio, Forest Read, London E17 4JB. Telsphone 01-527 2272 (Extension 20). lesing deta October 17, 1977. Pleasa quale appropriate fist No.

North East London Polytechnic

KINGSTON POLYTECHNIC

School of Mechanical, Aeronaulical and Production Engineering Applications are invited to the post of LECTURER II IN MECHANICAL ENGINEERING

to teach Applied Mechanics and other subjects related to Manufacturing and Design Engineering. Applicants should have a degree end preferably some industrial

Salery renge £3,888-£8,102 plus eward in accordance with Suisat pay policy.

Suther details and application forme (to be retuined by October) from Acedemic Register, Kingston Polyfelnic, Panthyn Road, Kingston upon Themes KT1 2EE, 01-549 1366.

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Please quote rat. THOS.

SKEFFIELD CITY POLYTECHNIC

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APPLIED. LINOUISTICS
Applications are invited from
persons with suitable quelificaitians in applied linguistics is
a Research Assistantish in Applied Linguistics. A mojor conitibution with be made to a group
research project, supported by
the Nutifield Foundation, investicaling wave of improving

RESEARCH ASSISTANT

be returned by October 21, 1977, from the Establishment Office, 7he Polytechnic, Oueensgete, Huddersiteid HD1 3DH (telephone 0484 22288, extension 2226). PLYMOUTH POLYTECHNIC

RESEARCH ASSISTANT PHILOSOPHY Candidatos should have gend honouse degree in Philosophy: a special in-less in Philosophy of Edu-erion and/or Philosophy el Biclance would ho an edven-lage.

Research Assistants are normally required to register for e higher degree, cilitouch post dectoral applicants will be considered. Appelintments are for a pariod of two years with a possibility or a third year (liked form controle). Selary will be 22,468 kd pont greduelne or 22,721 post denorated to requivalent) with annual increments of C128. Supplements of 2444 p.s. are elec psyable. Application forms to be rejurned by 21st October, 1877, can be obtained with further particulars from the Personnel Officer.

PLYNOUTH HABA

RICHMOND COLLEGE

LONDON

TUTOR IN

**BUSINESS STUDIES** 

The Governors invite applications for the post of Tulor

in Busieess Studies in this rapidly expanding independent university college which is licensed to award the AA degree by the Board of Higher Education is Washington DC and is a condidate for accreditation with the Middle States Commission for Higher Education. The College has a multipolitical student bedge of expension.

College has a multi-national eludent body of approxi-

The post requires the teeching of 15 hours of Business

Studies per week together with counsellieg duttes.

Candideles must have a good degree in Business
Studies, experience of degree-level leaching, professibly
using the case study malhod, and course plenning.

Application forms may be obtained from The Principal,

Richmond College, Queens Road, Richmond, Surrey, and

SPORT

Director - Northern Ireland

Institute of Coaching

Salary: £6,432-£8,070 (inclusive of all supplements)

Applications are invited for the post of DIRECTOR of the NORTHERN IRELAND INSTITUTE OF COACHING.

The Institute has been jointly established by the Sparts Cannell for Northern treland and the Northern Ireland Polytechnic for the development of coaching in sport and physical recreation in Northern Ireland.

The person appointed will be bosed at the Northern Treland Polytechnic.

The Secretary, Northern Ireland Institute of Coaching, r/o The Establishment Officer, Ulster College.

Completed application forms to be removed by 28th October, 1977.

THE POLYTECHNIC, HUDDERSFIELD

Department of Accountancy and Professional Studies

Principal Lecturer/Senior Lecturer

or Lecturer II in Accounting

ACA/149/182

Vacancies exist (or Lecturers to join e progressiva deportment ciliaring teeching opportunities et degrae, edvanced professional end post-expertence tevele. A professional accounting qualification and e liss or higher degree are destrable. Grede of appointment will be dependent.

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Stall are expected to undertake activities, including

PL 28,432-27,134 (Bat)-28,070 per annum SL 25,523-28,447 (Bar)-28,009 per annum LH 23,744-25,965 par enlium

Further details and epplication forms, which should

research, in addition to leaching duties.

The Northern ireland Polytechnic,

he obtained from :

Further information and on application furnt can

Selary scale, £3,500 by £250 to £5,000 p.a.

should be returned as soon as possible.

to have general rusponsibility for stadent matters as a whole. Candidates must have substantial experience in tighter education and be awars of current trends in lent affairs. The polit is vacent as from 1st January.

(Ret S/AO 305)

Salory: Haad of Dapartment Grada VI—E8,037-E8,913.
(Plus Lendon Allewance of E402 and apprepriate Occuration Supplements.)

Further details and application form from:
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Forcot Rand, London E1/ 4J8
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Completed applications must be returned by Friday, 21st October, 1977. [Islandons will be held on Monday, 21st October, 1977.]

The Polytechnic staks to appaint a

**Dean of Students** 

North East London Polytechnic

Control of the Contro

**Assistant Director (Finance)** Salary: c. £11,800 p.a. incl. Accountants with experience of higher advention are invited

**Dean of Business Studies** and Management

Salary:£9,096-£9,972 p.a. incl. Exceptional ability and experience in the eres are required for this

Please roquest further information of: R. P. Hornung, Clerk to the Governors, Middlesex Polytochnic, Bounds Green Road, London N11 2NQ. Closing Deto 28th October - quote raf

Middlesex Polytechnic

LANCHESTER EXAMPLES POLYTECHNIC

Covertry - Rugby FACULTY OF SOCIAL SCIENCE

Applications are invited for the post of: **Head of Department** 

DEPARTMENT OF BUSINESS STUDIES The vacency occurs on the promotion of Dr P. Stonham—now Deputy Director et the Dorset Inetitute of Higher

Salery: Heed of Dopartment Grade V plus £180 supplements (up to a meximum of £8,680 per entition).

Application forms and further particulars are evellable from the Director.

Lencheeler Polyteclinio, Priory Bireet, Coveniry CV1 5FB returnable by 31st

NORTH LONDON

THE POLYTECHNIC CITY OF LONDON ADVINISTRATIVE STUDIES LIORARY AND LICATINING DECTURED COLDE BY IN STATISTICS AND COL OPERATIONAL DESCAIRCH TECHNICAL SHIVICES Application should hold on behaving degree or equivalent in relevant subjects and preferably a higher degree, lading-like experience would be on advantage.

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Auplication terms and further particulars, an be untained from the Establishment Officer. The Polytechnic of North London, Iteliaway Road, My 1918. Telephiene Of-607 2189. Exin. 2018.
Closing data, 14 days from the appearance of this advertisement.

KINGSTON

THE POLYTECHNIC

OCHOOL OF ECONOMICS

RESEARCH ASSISTANT IN ECONUMICS

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Applications are invited from cheriered librarions for the above two posts. The Technical Services Librarian will be in charge of the cardopulne arguidlens end sorting arguidlens frowing and temperature of M.A.F.C., of technical services and temperature should be included as the management of principle.

Application forms and further dotalls les built posts are available from 'Ite Assistant Secretary, City of London Polytechus, 117-119 Bounds-citicis, London, ECAA 700 to be futured by 21 October 1977. 1977.
Candidates about after clearly on the form for which post they are epplying.

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#### Polytechnics continued

#### **NEWCASTLE UPON TYNE** POLYTECHNIC

#### RESEARCH ASSISTANTS

[23,440-12,000 ping £312 and £132 p.n. calary emploments)

#### DEPARTMENT OF MODERN LANGUAGES

The past will involve receased in the field of European Community regional policies and their suplementation in France and the U.K., and possibly Wost Germany.

Applicants should have a good Honours degree in Economics with French, or in Modern Languages/European Studies with an oppropriate social actance, actor-oby Economics. The project with be supervised in collaboration with the Department of Economics.

#### **OFPARTMENT OF ELECTRICAL ENGINEERING** AND PHYSICAL ELECTRONICS

A research pasietaniship is available for a candidete to join one of the following groups.

Thin Plim Disvices Group

The group is actively investigating a wide range of thin illim devices from optical litters to soler calls. The recessful applicant would undertake a study of undemental structural properties of vacuum deposited that time imposites in these devices, using a variety of ischniques including optical interferences and electron interescopy.

This group has made a special study of Iralite notion. The recoarch ascident will be required to seeks both in this work and also in an extension true office areas of notion measurement.

#### CEPARTMENT OF SURVEYING AND CONSTRUCTION

Required to work on a project constituting of the experimental investigation and historical modeling of the air volocity obtained

For further particulars and application forms returnable by Mondoy, 24th October, 1977, please used siamped addressed footsolp onvelops to the Stailing Olificor, Navocasile upon Tyno Potytechnic, Edison Guildiag, Etilaon Place, Nawcasila upon Tyno NE( 887,

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## Colleges of Higher Education

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#### RESEARCH STUDENTSHIPS

Applications are invited from graduates with a good Innours degree in Mediantcal or Production Engineering or n releted discipline.

Mounted from 1st January, 1959, matt stot August, 1959. The story existin applicant with the required to neak History metalty at "A "bed, for with some work, at History Higher Laboratory have. Salary (rady) 52,915, 16 5,1369. Sultable applicants would be expected to research for either mi M.Philt, or Ph.D. of C.N.A.A. Vicancies exist in the following fields:---Sally South and School process, a good Broome Bourge, a luring to the recent of the and in local the describe.

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Vicencias exist in the tollowing words:—

1. Electrochomical Engineering:
Control of metal distribution in electrochomical Engineering:
Electrochemical production of alloys.

2. Pressure vessel design concepts.

3. Prediction and reduction of machinery noise. Further defalls and opplication forms may be obtained trom Professor J. Anderson, Doportment of Mochanicat Engineering, Paleley College of Technology, High Stroot, Pelsley PA1 28E. These applying should state their field of Interest.

#### Colleges of Further Education

#### **EDINBURGH**

DUNFERMLINE COLLEGE OF PHYSICAL EOUCATION Applications are invited from suitably qualified and experienced teachers for the following posts:—

#### 11) LECTURER IN SPECIAL EDUCATION/MOVEMENT

Onalilication in Special Education and experience of working with handicepted people essential: movement qualifications/expertence an ad-

#### (2) LECTURER IN SCIENCE of MOVEMENT

A graduate in Science or Physical Education with experience in teneting etthor biology/ physiology/psychology or in applying scientific pitnolptes to studies in movement is projected, but appropriets experience or other qualities lines in Physicel Educotion along.

#### (3) LECTURER In EDUCATION

Oualifications in Psychology essential, specialist knowledge in (n) the development and learning of perception motor ekills and/or (b)

All posts will take ellect as econ as possible but posts (2) and (3) will be temporary appointments for one (2) and (3) will be lemperary appointments for one year in the first had more Setary will be on the following scole in accordance with qualifications and experience—£3,528-£6,807. Further information and application forms any he obtained from the Principal, Combraine Cathega at Physical Education, Gramond Boad North, Estimburgh EH4 6.10. Completed forms should be returned by 21st October, 1977.

## Coombe Lodge

The Further Education Staff Collogo, Blogdon, Nr. Bristot

#### REPORT EDITOR

Required to write and propore for publication material anxion from engineer and other activities of the College. Salary within rango £2,469-£3,001. Paycode I & tl selloments

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## Colleges of Education

## THE CITY OF LIVERPOOL

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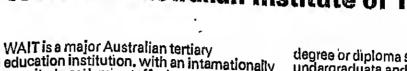
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THE TIMES HIGHER EDUCATION SUPPLEMENT 7.10.72

# Western Australian Institute of Technology



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#### Therapy Behevioural Science

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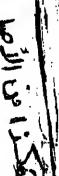
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Applications:
Detailed applications, including a curriculum vitae and the names and addresses of twee referese should be submitted not later than November 4th, 1877 to the Migration Lielson Officer, Western Australia House, 115 Strend, London WC2R 0AJ, England, A brochure containing further information may be obtained from the above address,

When explying please quote position and reference number.





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Further details of the above post may be obtained by writing to the Chief Officer (Ref. EM) at 76 Portland Place, London WIN 4AA. There are no application forms and candidates are asked to send a letter of application and confidence when Closing dates for applications is Wednesday, 19th October,

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a national centre for the study of clinical nursing practice.

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The Director should be a registered nurse, with a good

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The appointment will be for a term of 6 years with the possi-

bility of renewal for a further term. Salary will be within the

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Further particulars and application forms can be obtained

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Closing date for applications is 26th October, 1977.

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ins Administrative Assistant (Establishment). Dundes to the Administrative Assistant (Establishment). Dundes, DD1 1H0; to lega of Tanhnology, Ball Street, Dundes, DD1 esturation whom completed application forms should be returned at later than 21st October, 1977.

READING

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Announcements

THE TIMES DIGHER EDUCATION SUPPLEMENT 7,10.77



Tom Burns has written a book Richard Hoggart, left, reviews on a decade in the life of the BBC which gives an account and an analysis of the changes that have taken place from 1963-1973.

this work of imagination and sociological analysis, making a plea for greater cooperation between social scientists and critics of the arts.



# From public service to professionalism

volumes seem to be appearing at roughly volumes seem to be appearing at roughly weekly intervals, and the dust jackets of most claim they are "majar contribu-dons" to the subject. The claims, ane hardly need say, are usually exaggerated. Professor Burns's publishers, too, describe his langewaited book\* on the internal life of the BBC in this way; but they do not, sli in sll, claim tao much.

The history of Iom Burns's original foray into that largest of all broadcasting organisms is by now quite well known. During 15 weeks In 1963 he interviewed about two hundred members of staff, Many people helped to make a difficult lask possible, but no one more than Oliver Whitley who was at the time Controller, Staff Training and Appointments. During his long period with the curporation Oliver Whitley gradually emerged as a Conradian figure, a benchmark, n deceptively quiet-spoken man whom many of us autaide as well as inside the corporation, learned to respect and like; he steered straight.

By the time Burns's first report was ready, Oliver Whitley had Ich staff training; the peapls with whom Burns then had to deal " quickly made clear to me that their sale interest in the report was in preventing its publication". In those days that was an all-too-typical reaction. Of course, the report-several paris uf which were subsequently published else-where-revealed weaknesses. But to publish it would have dono the BBC no harm. Quite the raverse; the corporation would have sequired eredlt for its willingness to let autsiders sea the state of its internal workings. Publication would also have added a rare phenomenon—gaiety—to the debate. The details af, fur instance, the way Oxbridge students used in prepare themselves far BBC Interviewing bourds (seem clever but not a swot, lively but not frivalaus) are plain funny.

Still, timen have changed and in this case far the better. Whan Burns wrote to Charles Curran, the Director General, in 1972 asking if he could naw use the material, his was not only given permis-tion but invited to call again and look of the situation 10 years on. Tom Burns is, rightly, warm in his praise of Charles Curan's fair-mindelness in thia. So, in 1973, he anent a further six weeks inter-Newing shout sixty people.

ti is, af course, in some ways a pity bat the 1963 material has had to wait so long to see the light of doy; it might have been more proctically uneful if published taler. On the other hand, we now have a me valume both an account and an this of changes within the BBC over there's spon; and this gives a special manner to the work.

The basic methodological fr hethed is that of tape-recorded conversa-tion, often printed at length, analysed ad set into that discipline's context. This the sociology of institutions. The Anicular institution is an nousually dif-luit one to atudy and belongs to a defin-ible sub-section of the field: that devoted to organizations which are not only large-stale manufacturers but are staffed by beyond "more" production. Burns, then, approaches the BBC as "a working comminity and an occupational milieu".

In trying to encompass the particularity of the BBC he drows on the work of the American sociologist, Everctt Hughes. Bughes's concept of "professionalism as

the BBC: Pullic Institution and Privata of the By Tom Burns, inchilshed by Macmilan at £8.95, ISBN 0 333 19720 8.



A still from the first television play in the world which featured Gladys Young lo The Man with a Flower in his Mouth, by Pirondelia, in 1930. The boy holding the disc, George Inns, later became an executive producer with the BBC.

a moral order ", above all, is an exceptionally fine tool with which to approach the BBC. Its employees have to make some liveable sense out of its quadruple nature: large-scale industry, home of the imaginatively and intellectually gifted, publicly-accountable, and governmentally-licensed outlierity. licensed outhority.

This is all very much to the good. What gives further value to this back is, however, something quite different and uncovenanted. It is that Tom Burns is himself imaginatively excited by this strange profession in which, and of s hewlderingly complex, expensive and dif-ficult set of technical processes there came products of kaleidascopically-different kinds. This is abvinusly far more interesting to him as a subject of atualy than olmost say other "industry". His rapt description of Studio 3 at Televislan Centre, which his publishers rightly quots on the duat jacket, illustrates this res-ponac well. So does, even more, his deacription of the producer'e rols within bla

Pseudo-charlsma, in this context, denotes the finished explication of one or the other recognized modela of at the commencement of a plonning meeting or a rehearsal; there is an observable momant of bracing. Significantly, there is room for only one such performanca in ony setting; when a planning meeting for a production was interrupted by the executiva producer of the saries, liveliness and tempermental quality at once transferred.

"public service" terms to doing so in the languaga of "professionalism". This is a useful and suggestive way of interpreting a sacular change in BBC staff attitudes over the decades.

I would want to sdd, though, that at times a certain fashionable tendency to smiff at the BBCs can be required.

about their jobs; but these records show more than this. They show also that BBC staff are often quite remarkably honest towards their work and themselves. Few professionals, and certainly not academics, could match them. Still, I felt sometimes that, ao far as Burns's particular purposes wars coocerned, the numerous miggets of quatarion did not always sit easily with the movement of his analysis. There is no perfect way to resolve this problem, and certainly Burns is aware of the collection of the second of the collection. it and tries to salve it. But he has not altogether succeeded; the analysis often moves jerkily, does not build up a cumulative force, becsuse it is constantly being interrupted by those julcy chunks of recorded speech.

The other wish-ond one which will have to be registered agoin ond sgain until matters substantially change—is that the study of mans cammunications in Great Britain should be more of a joint enterprise; and in porticular that socia scientists snul critics of the arts (litera-turs, film, etc) abould get together more. Given his lively imagination, Burns ot times ofmost makes bridges across some of the chasms himself; but not quite.

or the other recognized models of the chasms himself; but not quite.

"camp" or "butch"—together with affectiva devices to achiave empathy—jokes, host display, and a "curiously" warding if He argues that immensely recommon feature, a Cockney, or aver a between the first and sacond periods of Liverpool accent. All these appurentances of a producer's appropriate persono are almost consciously donned at the commencement of a plonning meeting or a rehearsal; there is an "public service" terms to doing so in the language of "professionalism". This

ducer of the saries, liveliness and temperamental quality at once transferred to him, tha director assuming a rother flat, businesslike tone.

A man who can write with that kind of stance, that move in BBC attitudes which occurring apprehension has something of the down at almost a matter of course A man who can writa with that kind of perceptiva apprehension has something of the imagination of a novolist; and that gives an axtra dimension to his work at key moments.

Having sald all this in the book's favour, I have two qualifications. That the recorded speech is fascinoting is not surprising; BBC staff are professionally self-awara articulate and exceptionally self-awara section of "professionallsm as a moral

What I am saying is that the by now quite subile tools forged by the suciology of organizations still miss some of the inner music of the languaga of profesalonalism in organizations as subtle as the BBC. There are other, less striking, instances of a similar thinness; for example, the argument shout "unique in stances." example, the argument about "vulgariza-tion and revellulization" is not presented adequately. Those of us who use it may

well be wrong, but not quite in that way, These two qualifications apert, there is much very good material here. From a great many possible examples, I will men-ilon unly a few; the analyses of the in-creasing role of "management" in BBC affuirs and of the intermediary, "profeselonal urbiter" role of the engineers in television; the discussion of the news-versus-current-affairs dobote (which, in-cidentally, confirmed my feeling that the separation of the two harnis both).

On received assumptions about what canalitutes "news", Tom Burns is puricularly well worth quoting :

But, time and again over the past fifty years, they seem to have been the slicep as often as they have been the shepherd, in have acted in anxious defence of the constraints whose removal they later celebrated, and consistently to have pald much more regard to o consensually predetermined view of what constituted news (translated as "journalistic instinct" or "flair") than from any articulate set of principles or code of practice.

The pages an balance ond consensus, on the implied centripetal power at the BBC, on its assumption of a normalive role in relation to the culture and its othic, are tongh; but the tonghness is justified. There is a blandness about many af the public claims made in this area by the broadcastors which needs outsing through Borne is right to make cutting through. Burns is right to make statements of this kind !

Authoritativoness became the overriding quality sought for news broadcast In television, too, after the talevision service was restarted. And the estob-lished practice of a news announcer reading the news "over" a etil photo-graph of Big Ben was designed to sustsin that special quality; the equation of impareonality and formally with unpartisl authority is easy for a British audience to make.

Elaewhere, he dsscribes tha freedom of the BBC as "liberty on parolo"—from the governments of the day, that is, since governments control the licance fee. Some of these passages seem to me rather gradging of the BBC'e successes in Ita struggle to retain a real area of freedom, in apite of the political pressures which are Indeed always includent. But he is in general right to say that "the politics of broadessting are the politics of accom-modution". If one doubted that, one had only to hear a former senior television official say oo the radio recently that tha times are not right for hard-hitting broadcast journalism since there may well be months and the licence fea is at present fixed for only a year ahead.

This valuable book comen at the right that for media studies since, like Erving Goffman in the USA but few others, Burns brings to his professional studies a high lavel of risk-taking imagination. Studies such as theirs indicate to critics in the humanities, yet again, how valuable collaboration with the social sciences could be and how important it is to start by focusing on these points of crisis in a by focusing on those points of crisis in a culture which simply cannot be properly interpreted except by an inter-discipliuan'y approach.

Richard Hoggart

Later this autumn The THES will be publishing a series of articles on broadcasting and higher edileation. The first of these articles, will appear in our issue of October 21.



# MOTICE BOARD

Dr Angus E. Stuart, reader in patho lagy at Edhiburgh University, has been annolated to the chair of pathology and headship of the department at the University of Newcastle from January

#### Grants

Helerocyclic group — £50,000 from the SRC (£36,770) and ICI Pharmaceuticels Division for a research project on movel synthetic approaches to fused heterocycles for potential pharmaceutical and agrichemical use, to be directed by Drs J. M. Barker, I. C. G. Coutts, U. Elsoer and P. R. Huddleston of the physical sciences department.

#### Universities Manchester

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Lecturers: N. J. Bryant (drama);
G. P. Burton Hilstory); Dehrrah A.
Cherry (history of art); A. M. Thiker
(acconoring); J. M. Curtle (econoomest); H. L. Curtls [education];
H. K. Chong (general practice); N. P.
Kesmey (pharmacology); C. M. Bradshaw (clinical psychology, psychiany);
L. W. Tembuson (rheminatology);
C. J. P. Watt [chemistry]; K. M.
Lewis (englacering); R. J. Banckham
history of Christian thought).

Newcoords.

#### Newcastle

Scalor lecturers: M. A. P. S. Downbom (child health); D. P. Forster (community medicine). Lecturers: J. P. Owen (radiology); R. A. Saynnair loperative dental surgery); Joan C. Beal (English language); D. G. Lousdale (furilding technology, school of architecture(; J. Lingard | lagricultural ecomundes). Doputy registrar: W. H. Andrew. Assistant librarian; Kathleen Braotley.

Teaching-What is 11?", a one-dae "Teaching—What is 11?", a fate-day symposium of the calication section of the chication of Teachers in Further and Highey Education, will be held on November II at the Royal Society of Arts, John Adam Street, Adelphi, London WC2N 6EZ, Intitations from Peter R. W. Gradige, Bishop Ofter College, Cullege Lanc, Chichester, West Sussex PO19 4PE, Chosing date, October 10.

Colleges
Cnsmile Lodge
Deputy Director: Derek W. Dirch.
Registrar and clerk to the governots:
John H. Roberts.

At J. L. M. Trim, director of the department of linguisties at Cambridge University, has been appointed director of the Centre for Information on Language Teaching and Research

Carising lists, Orthode 10.

Activation of Proceedings of Statement In the Thomas Valley" to be held ut Reveley House, 3.7 Weilington Square, Oxford, October 8-9. Some of the speakers inclinity John Baracht, Collin Burgess and Richard Bradle. Full details from the Course Secretary, Oxford University Department for External Studies, Reveley University, has been appointed director of the Centre for Information on Language Teaching and Research

# The Association of Certifical response to my presidential interest or computing a trief of the British Association, in Octuber. Some are the Robert Young fills a page of Consultancy, An approach the Soft September 23 with an piete records, Disclose to the Soft September 23 with an piete records, Disclose to the Soft September 23 with an piete records, Disclose to the supposes to be internation to explose of the consultance of the supposes to be internation to explose the property of the supposes to be against under inflations to the supposes to be against a piece commer inflations between science and matter pieces are pieces of the supposes to be appeared to the supposes to the supposes to the suppose to the supposes to the suppose to the

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Fact and value must not be confused

Sir Andrew Huxley replies to Robert Young's

criticisms of his presidential address to the BA

A third aspect of Shockley's position is his engenic proposals. These I regard as squarely within the social and political arena; the most that science could ever do in this context is to predict the effects of a proposed policy for lack of policy. Like most people, I find his proposals objectionable, and I do not think that an unobjectionable scheme for large-scale engenic measures could be produced now or in the foreseeable forme.

On the other hand, differential birth rates, if correlated with

hinh rates, if correlated with genetic differences, could cause rates of evolution far in excess of

of individuals who did well.

But human genetics is still in so mulcedinged a state, and regardence tive limits change so fast and so impredictably, that it would be calour problem are the high unconfigured in some playment rote among Negroes, and the small proportion of Negroes receiving higher education and entering the well-respected occupations associated with it. These are almost certainly connected with law performence in school and on 10 tosts. Most people would, I think agree with an elfact the change of uncleasuabling of the casses of the differences in school performance of the freeling of the same pussages, expressing the social decode, each numbered unlerstanding of the causes of the differences in school performance in a language to the same pussages, expressing the post decode, each numbered unlerstanding of the causes of the differences in school performance in a language to the same pussages, expressing the post decode, each numbered and IQ lests.

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Lluks with US universities are being actively developed by the newly created Universities' cross-

# Helping to great divide

not many years, interiors fartish universities have been exchanging students with their counterparts to the United States; such programmes, like alonge-tunos, include the old, the new, the loved, the neglected. What is opparent, however, is that during the past decode, and more narrientarly in the last three or four years, developments in this field have become more rapid, extension

comployment would be raid of bytes of the differences in school performance and 10 tests.

It is easy enough to suggest causes for the differences, from the second of the British Society for Social Responsibility in Stetlers to the second of the British Society for Social Responsibility in Stetlers to the second of the British Society for Social Responsibility in Stetlers to the second of the British Society for Social Responsibility in Stetlers to the second of the British Society for Social Responsibility in Stetlers to the second of the British Society for Social Responsibility in Stetlers to the second of the British Society for Social Responsibility in Stetlers to the second of the British Society for Social Responsibility in Stetlers to the second of the British Society for Social Responsibility of the Social Responsibility of the Social Responsibility of the Social Responsibility of the Social Responsibility of Social Respons

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#### Monday October 10

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(Chairman of ACPH): Committee on
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not later than 10.30 am data of publication

(CNAA Sciente Unit) and Dr W B. Davies (Civil Service Task Force on Interchange): Full particulary from API Head Office, Twopingers House, 27 Eightungen, Road, Southrea, Hampshire POS MP.

24.00 Twentight certainty pointy: Modern and Tradition (ASto): prog 16).

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#### Sunday October 9

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## Thursday October 13

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A test caso is the Lysenko offair, an which I spake but Dr Young is silent. Is no with Holdune in re-

Sir Cyril Burt 1 concerned with social mobility, not repression. the suppression of Mondelian gene-ties to the USSR and the removal of every supporter of it from his post. Bernal's arguments defending Lyseako aro the same os those which Dr Young vents upon me. For-example, here in Berosl's descrip-tion of the Michurinists on whose cloims Lysoako's theories were ingely based:

largely bosed:

tors in the membership lists of the libritish Psychological Society.

The matter in which I referred in my address, however, was the inshination of "rucism" that correspondence, and which, as far us I can judge from conversations with colleagues here who knew him, is absolutely without foundation. If he looked forward to social consequences of his work, it was not in the repression of minorities with a prospect of appearing social mobility of individuals who did well.

The matter in which I referred to anything produced by ordinary natural selection, and their effects should be watched. If an not thinking mainly of IQ or mouters of that sort. For example, family, size is native determined almost entirely by parental choice; if the desire to have children is in some particular determined, we are selecting against the will to limit family size, and in a few generations time we shall be overtaken by another wave of tising birth rates of evolution far in excess of anything produced by ordinary natural selection, and their effects thands in extended the watched. If any not thinking mainly of IQ or mouters of that sort. For example: family, size is native determined almost entirely by parental choice; if the desire to have children is in some particular through the correspondence, and which, as far us the correspondence, and the correspondence of this work, it was not in the correspondence of his work, it was not in the correspondence of his work, it was not in the correspondence of his work, it was not in thinking mainly of IQ or matter a vertical through the correspondence

pietre records in Bayrond and production of the control of the con

stent. Is no with Roldone in rejecting Lysenko's position, or with Bernal in accepting it? His article gives the impression that in 1948-49 he would have sided with Bernal, Lysenko, ond the 1948 session of the Lenia All-Halon Academy of Agricultural Sciences, in justifying



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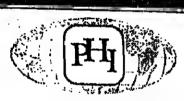
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## Debunking

Skeptlent Suciology by Dennis II, Wrung Heitemman, £6.90 ISIN 0 435 82968 8

In time when we are handwrided by new sociologies, critical sociologies, radicul suciologies, mud other sorts of allogies, each claiming to present the new way for socialogy and in discredit its predecessors, it is plea-sant to read a collection of theoretical essays by someone who is just a sociologist.

A sceptical sociologist, as Wrang optly describes himself, is comuptly describes himself, is com-mitted to intellectual integrity and telling the bruth. Such a commit-ment involves a sceptical attitude to fushionable croeds and idenlugies, whether they be dressed up in socialugical, scientific or religious

What stands out from the work as a whole is Wrong's perceptive and sensible approach to sociolo-glent issues, coupled with his de-tachment from the various socio-bedied facilities that have respect and bigical fashions that hoce waxed and sumetimes wanted thering the period when the essays twee written. He is of his best when he is debunking fashions—the "uversuclolized cunception of man" of the 1950s, "community" and "identity" us ratchwords of the 1960s and eliches along the future in the 1970s. bun the future in the 1970s,

Ills eritled orguniums ore never ore always balanced indicate or never polenical, extreme or dogmatic, but ore always balanced and carefully reasoned, seeking as much to draw out elements of truth as well as to expose falsity. Ferlangs this is own, upart from his "oversacialized canasistical" oreption of man" paper, his work as not attracted wider attention— socialogical circles it is usually th socialogical circles it is usually the extreme and the polemical that gain the academic limitight. I detect a rucful note about this in this introduction to the different

sections.

Wrong ploes not olways quite live up to his own tenets of scepical sociology. His crideal discussion of the functions of social strutificalina, admirable in many ways, fails in confront the question of him the functional importance of different mositions in society con be essessed, thus seeming to occepically conventioned beliefs. I am unit enovinced that accountants and solicitors, or for that matter sociologists, are of greeter functional importance to socioty then refuse collectors, sewage wurkers or oglicultural workers.

His conception of democracy is rathot limited. This is not eltogether equinted with Western sociotics, but nona without Western-style political ms is regarded as demucratic. systems is regarded as demucratic. His discussion of power becomes in-colved to rather too many concep-tual distinctions, which do not always seem to be related in actual problems; of explaining the exer-olse of power to the world.

But this is exceptional, and Wt is certainly not one of those theoretical sociologists who are more concerned to understend tielt colleagues and predecessors than they ere with the real world. Wrong never loses touch with social reality. never loses touch with social reality.

There is not much in the book ther is very original, but then it does not claim to be such. It is valuable in providing balanced, percentive and reasoned comments on sovered important contemporary saciological assues. It is not only very readable, but has a literary quality that is very rare is secin-logical writing. It is therefore to be wormly recommended not only to attidents, but as a good example of contemporary sociological thinking, to anyone who wishes to become better acquainted with sociology.

David Berry

And the state of

# Feeling the pinch?

THE TIMES HIGHER EDUCATION SUPPLEMENT

Bule-making mul Industrial Peace by J. F. B. Goodman, E. G. A. Ayn-strong, J. E. Dayls and A. Wagner Croom-Helm £9.50

tions for theory and prince where? On such snahing the brook proves disposed the brook proves disposed the brook humble rate for secularities outlook adoptions adoptions. the authors sdopt a confinence while seems size confinent. They start in Dunlop's non-dated idea of Industrial relations are abyays a baffling mixture of "pure" economic furcos and suchprohitical practices. Most scholars narvathys, therefore, would accept that an one social science discipline by inself pussesses sufficiently puwerful theoretical tools to comprehend the whole. Alas, there is little agreement on how to combine different analytical systems.

This new study of the British boot and shee industry certainly libratries just how complex particular cases can be. The industry remains highly campletitive with many small producers. Economic different to take has created a majority of employers willing at any one time to take. baffling mixture of "pure" econo-

ork.

The first section deals with human nature in saciology, community and identity; the second examines social strutification and inequality; while the third is concerned with power and politics. The breath of Wrong's intellectual focus, from sacio-psychological conceptions of impressive, especially in the face of increasingly narrow specialization in saciology.

What stands out from the mass as a whole is Wrong's intellectual focus, from the international politics, is impressive, especially in the face of increasingly narrow specialization in saciology.

What stands out from the mass as a whole is Wrong's intellectual focus, from the face of increasingly narrow specialization in saciology.

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suppurt.

The result should at least confound those who ascribe our count of the system if plete.

Might it nevertheless be and less mystical to say high and less mystical to say high wing claims. Current problems of the shoeman sound familiar—rising costs, foreign import penetration, virtually static demand. Yet the trade was one of the giomeers of arbitration. It has had "industrial peace" since 1914. Wage advances have been underate. All differences for costled within a framework of riles. Anyone requiring an up-to-date occurnt of the system if notices in the system is mechanism. Might it nevertheless be and less mystical to say high workers nor mulan have made in this industry? Order because contentions has a rarely brought forward. Isolated within a framework of riles. Anyone requiring an up-to-date occurnt of this will need to rend this back from now op.

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Arc there, however, my implica-

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pullan, Faranold, Remissive: A scology of Modern Culture sociony of Modern Culture by John Carroll and the Common wead to by their monives; its a pullance and John Carroll's Runitum, Paramold, Remissive. It is a polomic critical with a Prendian pen diputed in the what Prendian pen diputed in the was asked to herald the decline of essent civilization from the erst while probably imprendian by way of the present-they transition by way of the present-they transition stage of persons.

The book is in two purts: first the argument and then the footnets which are comprised of sistort essays.

The sumeof starts with a description of the purlian character which De Carroll places an its height to be lowed the decline of the process, which bascledly color the argument and then the footnets which are comprised of sistort essays.

The sumeof starts with a description of the purlian character which De Carroll places an its height to be well as a purlian character which De Carroll places an its height to be well as a purlian character which De Carroll places an its height to be well as a purlian character which De Carroll places an its height to be well as a purlian character with the carroll and the move that the decline of individual transpoints which are comprised of six the result of the process, which basclelly color the argument and then the footnets which are comprised of six the result of the process, which basclelly color the argument and then the footnets which are comprised of six the process, which basclelly color the argument and then the footnets which are comprised of six the advance of the process. Which we have the decline of individual terminism has done the decline of individual terminism and or retained to the process. The move the process which because the decline of individual terminism and the move that the

conduct. The highest ort is the art of living; his vocation is a passion Carroll makes no secret of the An aesthetic activity

solidogy is, or should be, he ages an aesthetic venture; its thinking exclusively menaphorical, its ability of construction of theories which are justified fittingly in terms of economy, congency out range, as elision which procludes any notice of a correspondence theory of the symbolic, as elision which procludes any notice of a correspondence theory of the symbolic, as elision which procludes any notice of a correspondence theory of the symbolic, as elision which the prime virtues are a which the prime virtues are those of a correspondence theory of the symbolic, and in a manar rominiscent of the capacity to generate the capacity t

Eileen Barker

A Peetic for Sociology by Richard II. Hrown
Cambridge University Press, £10.50
ISBN 6521 23121 2

Richard H. Brown's text, based on his doctoral thesis for the University of California at Son Diego, is a bold and imaginative attempt to define, or redefine, once again what it is to do sociology. Now that he pretendons to scientificity have been discovited, its outself-conscious peer condemned as ideological, its classes for truth distributed as incoming and the inclusiveness of the symbolic as the book es a more field shares as more; if not murta with an than with actience. Hrown lars this opparent necessity into a solidogy is, on should be, its green and the inclusiveness of the symbolic as the realm of human action. But even though ort and science are incolved in a command the parameter of the inclusiveness of the symbolic as the realm of human action. But even though ort and science are incolved in a command the parameter of the parameter in the real world is, os it were, of one remove. A theory can neither to be falsified nor verified, it can use the relatively apposite.

We are led to the poradax of the terms of the social sectors of its success is neither its outselforms from the inclusiveness of the owner of the inclusiveness of the symbolic as the realm of human action. But even though ort and science are incolved in a command the inclusiveness of the symbolic as the realm of human action. But even though ort and science are incolved in a command the inclusiveness of the symbolic and the construction of theories with are fusility in part and science, in the neither of them. Tu reduce swill be of both such body might well but of both such body might well be neither of them. Tu reduce social oction to defining a mid understonding autonomous and construct, intrudes into those symbolic, and the cutopy of the symbolic and discourse never theory of the symbolic and discourse never the symbolic and the cutopy of the symbolic and the cutopy of the symbolic and discourse never the provided the cutopy of the symbo

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therefore, be seen for what it is:
namely, academic counter-insurgency, rather than the reasoned and
impartial criticism it claims to be.
The tactics employed in his

nomphlet — despile protestations that it is not McCarthylte—are procisely those of the cold warrier. Firstly, there is the smear. For iostance he labels CAFD a "front

iostanco he labels CAFD a "frunt organisation", for whom precisely? If I sought to refute this allegation from my own experience, presumably i would be deemed either a fellow-traveller or a dupe. So the must sticks. Secondly, all the diverse individuals and groups mentioned are linked in gullt by association. Evidently the Communist Party stands behind it oll, and manipulates our thoughts through its insidious cultural activities.

Counter-insurgents like Professor

Sidious cultural nettvities.

Counter-insurgents like Professor Gould, be they intellectual or mill-tary, tend to assume that ordinary people are stupid and the intelligentia guilible, and that both are staipulated by the dark forces of the left. For all its quotatious and scales in preference.

the left. For all its quotations und academic pretence, Professor Could's pamphlet is just another exercise to crude conspiracy theory ricidentally, a mode of reasoning rightly denounced by his intellectual here, Professor Popper, Bourney Son Popper,

Executive committee member Council for Academie Freedom and Democracy,

Siz.—The great difficulty of demun-strating the accuracy of Professor Julius Gould's organizates regarding the disproportionate Marxist Influ-

ence to education, stems precisely from the fact that this is so largely smatter of personal they forday expenses.

perience, rathor than documentary or satisfical cyldonce. I would cer-

PHILIP SCHLESINGER.

LETTERS TO THE EDITOR

'Marxist infiltration'

Sir,—While your cultorial criticisms of Professor Gould's attack on "Marxist Infiltration" are to be applicated, Mr David Walker's report itself needs currection on ono major point (THES Sept. 23).

He refers to the Institute for the Study of Conflict as an "independent body", which is hardly tho case. The ISC's main function is propagnidist and it speciatives in producing "contrac-intenregency" literaturo almed principally ogalism specialled left-wing subversion. ISC is linked through several of its leading personnel (eg. Mr Robert Moss) to the National Association far Freedom which has been speurheading stacks on the trade unions.

Professor Gould's attack on Marxist Infiltration?

Ignoring major schools of non-bounded in communior schools of non-bounded in communior, to get away with not mention in how morelly contemptuants a quite possible to reach PhD level without ever heart one—bot it is quite possible to reach PhD level without ever heart one—bot it is quite possible to reach PhD level without ever heart one—bot it is quite possible to reach PhD level without ever heart one—bot it is quite possible to reach PhD level without ever heart one—bot it is quite possible to reach PhD level without ever heart one—bot it is quite possible to reach PhD level without ever heart one—bot it is quite possible to reach PhD level without ever heart one—bot it is quite possible to reach PhD level without ever heart one—bot it is quite possible to reach PhD level without ever heart one—bot it is quite possible to reach PhD level without ever heart one—bot it is quite possible to reach PhD level without ever heart one—bot it is quite possible to reach PhD level without ever heart one—bot it is quite possible to reach PhD level without ever heart one—bot it is quite possible to reach PhD level without ever heart one—bot it is quite possible to reach PhD level without ever heart one—bot it is quite possible to reach PhD level without ever heart one—bot it is secretal phD level without ever heart one possible to reach PhD le

between either a helief in the competing ideas—the approach surely appropriate to a miversity education.

Throughout many disciplines and serious consideration. If opponents are ious consideration. If opponents or oprecisely the least effective or systematic! Thus Stephen Lakes con contribute to series on basic concepts in social theory a volune entitled Individualism which blocaturity fails to deal with practically may of the major or systematic approaches of either historical or contemporary ludividualist thinkers. Ironically, your own editorial only fails to major or systematic approaches of either historical or contemporary ludividualist thinkers. Ironically, your own editorial only further underlines the intellectual arrogance of flabby socialism. We are thus confronted with the bank-rupt terminology of the "left-right" political spectrum. Burkean Control with the bank-rupt terminology of the "left-right" political individualists ond lihertapians are lumped together on "the so-culled left, the spectrum of social lism, "social themocracy" and Marxist Isin is, of course, categorized os the other.

Moreover, Dr Young shows us that professor Gould's list of tocales is lineouphite, for he aleptly of the left: contamination by assuctation. In its first version, this context of a wholly different kind. Thus, and young lists cardongens, lutrugeness, Thalidonide, Filixbarough and sevence, and several others, until the context socioloology in an obvious etimp certain objectionoble views expressed by an individual, implying blercely that anyone capoble of holding such views should be distributed by the professor opposition, the

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# BOOMS On methodology

Philosophical Foundations of the Three Sociologies by Ted Benton Routledge & Kegan Paul, £6.50 ISBN 0-7100-8593-1

lication's alm in this work is cer-tabily ambitions, as his title im-plies. For to deal comprehensively with the classic confrontation be-tween "positivist" and "humanist" methodulogies of sacial science by penetrating to their philosophical tleen structures is to orrivo at the point where o railleal epistemology, hopefully transcendent of these two positions, becomes possible. Indeed this is the path Benton full the state of the part o lineed this is the partification in-lows, for he develops a clearly argued presentation of the Marxian materiolist epistemology (cluse to, but not identical with, the Althus-serion onalysis) ont of his critique of the orehetypul philosophics of social sclone.

of the orehetypul philosophics of social sclence.

Throughout the book Benton's main concern is to demonstrate the merit of upplying philosophical modes of inquiry to the epistemological bases of sucial theory, but at the some time to argue for a particular view of the relationship between philosophy and science. Thus his emphasis on the long-term debute between positivistic ond humanistic models of social theory is primorlly directed to the ways in humanistic models of social theory is primorily directed to the ways in which coch of these positions implies certain understandings of the link between social ond nutural sciences, and thus presuppose different rules for defining knowledge, for dividing science from non-science and ideology, for recuting reliable explanations, and for sotting acceptable methods. On the one hand the positivistic models, chiefly associated with the work of Comte and Durkheim, tend to emphasize the necessity for a unification of socialogical ond natural scientific methodology, where the "humanistic" models based in near-Kantianistic models based in the work of Weber and especially Deter Winch posh instead towards a fundamental divida botween notural ond sociol sciences,

In tacking these issues at an avowedly philosophical level, and in Isolating their specifically epistemu-logical implications, Benton goes beyond most previous studies hear-ing on social science methodology. Yet it must be sold that 200 add

to cover such a vust amount of sociological and philosophical ground. The book will require detailed prior acquaintance, wor merely with the surlabughsts that it discusses, but also with at least the major representatives of the philosophical positions with which it engages. However, this should not be taken on a disadvantage—rother quite the opposite. It is in the careful and precise monner in which Benton interrogates the three philosophical positions, and more especially in his meticulous mapping-ant of o materialist rpistemology at the cut of the buok, that he offers so much to the sociology student.

sacloby student.

If ane criticism may be emeyed, it is that Benton devates rather for much uttentian to historically distant representatives of the three philosophical traditions. Clearly, the philosophical positions of Cunte, Durkheim, Weher and Marx are accessarily subject to constant unalysis and reanalysis: yet, despite the constant return of contemporary sociologists to the work of the founding fathers, it is possible to argue that the work of more recent speciologists at least more recent sociologists at leas deserves critical attention,

Systems theory and modern functionalism, together with the phenomenologically-oriented contributions of ethnomethodologists full outside of both positivism and humanism, as Henton defines them, though he would no doubt argue though he would no doubt argue that each is merely a variant form of une or other model. The great suphistication of soriological methods and techniques since the founding futhers, and the diversity of theoretical positions which thow seem to be on offer, suggest a rather more complex alcute of rather more complex pleture of socialogical philosuphy than lientur

Neverthless, in choosing to fuens on those toxis which raise "recog-nizoble epistemological questions" in ways which make explicit the basic accountings. basic assumptions about scientific landwedge and explanation which lio within them, Henton these a valuable july. Whether we agree with his own phibosophical position we are the choice and mages of his or not, the clarity and power of his unalysis serve in create a book which might to be required reading on any course in the philosophy of the social sciences.

Peter Hamilton

# Responses to change

An Introduction to the Sociology of Hurol Development hy Norman Long Tavislock, £5.75 ond £3.00 ISBN 0 422 74480 8 und 74490 5

concentrating dovelopment re-sources on the poorest people in the poorest countries, o thome in current polleies, entoils increased attention to the people who live in rurol areas of the Third World mid to your to improve their let. For to woys to improve their lot. For this reason olone Dr Long's book is

reason mentality has often been seen as a major obstacle to development. Such o phrase 1s, deonly fraught with meaning in the literature of the subject, and Long is rightly dismissive of much that has been written in this velu. He deals fairly with the contraversy between fairly with the controversy between The MIT Press

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the modernization upprouch and the exploitation of sotellites by thair metropolis, criticizing both embattlod schools of thought as too deterministic and not allowing for the divorso inter-

national pulities, Long emphasizes ton his ermomic role, and has much to say about individual enterprise and the extent to which people differ in their responses to change differ in their responses to change and their propensity to initiate it. In the discussion of planned meial change, Long makes the conventional but still useful distinction between improvement strategies along to enhance production and incomes without fundamental social or legol change, and the transformation of the rural community through the rudical reorganization of land tenure, whether by redistribution or collectivization, ond of methads of production, flere we may hope that the literature will soon be enriched by studies as yet unpublished of peasants after the regulation in cummunist countries. nutional politics, Long emphasizes

cumminist countries.
While Long thes not always give white Long tipes not always give quite enough weight to international influences upon national policies—for exomple United States pressure on its ellent steles to carry out lund reforms—tio keeps o clear vision of the interaction of local and national, and ends by echalon national, und enils by echoing (perhaps unconsciously) Le Play ond play of local and national forcoa. He is more sympethetic towards much of the new enthropology, with its actor-oriented approach and a close attention to decision-making, choice, and interoctional processes.

Where I heve emphasized the importance of the mildleman or broker in orliculating local and interoctional processes.

The processes in the diverse interest in the processes in the processe

J. E. Goldthorpe

#### Reviewers

Elleen Borker is lecturer in socio-logy st the Londou School of Eco-at the University of Worwick; nomics;
nomics;
Novid Berry outhor of Central Keith Thurley, senior lecturer in industrial sociology of the London School of Economics, is outhor of The Supergion and his Juh. dustrial sociology of the London School of Economics, is outhor of The Supervisor and his Jub.

persecutive autor than documentary or statistical evidence. I would certainly like to add my own testimony, and that of my close personal colleagues, in support of his views, we have experienced far too much dishonesty and indocurination in the miss his views with the apparent dishonesty and indocurination in the miss his views with the apparent dishonesty and indocurination of your collectal writer.

One does not expect accodenties to be political enunchs. Indeed, one does not object to vigorous and parsonate advocacy or criticism. But when one does expect is honesty in teaching, the treatment of one's believed/intellectual opponents as withy of dialogue and respect. But he my experience, what these not her market for the missing of the contemplant of dismissal, before proceeding the really important concerns. the really important concerns.

Worse than this sort of dismissal,

meror, is the practice of totally Environment and Society When is a fact scientific?

by Robert Young discusses the 28.95/22.95 in Robert Young discusses the standard between fact and value it is a sclance. How should it is that I fact is simply a volue is that I fact is simply a volue is the standard that a value judgment is rules judgment on which the community is divided ? If so, we substandard is a standard of standard in the same in the Mode of Production and Social Formalist

And Continue of
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Production 5 95/22.20 Wittgenstein and Scientific Knowledge:

A Sociological Perspective Derek L Phillips For further distalls please write to Hosamary Dawl (THES). The Macmillen Preas Lid., 4 Little Essex Strest, London WG2R 3LF.

referce is rational end bonest. And thore a fact. Suppose than that I of physics, from Cambridge, a me (valua judgment) to be irrational (if I assume him honest) or dishonest (if I ossume him rational). How do I proceed from o valua judgment to the facts of the matter? Only by improving the statlatics.

I offer a real example, I offer a real example. I offer a real example, I was a value judgment.

Sir,—It was singularly instructive, hoving read Professor Gould's item-lection of Merxist/redical tactics, to turn the page and find, in Dr Young's attack upon Professor Huxley's presidential address to the British Association, such a clear illustration of so many of these self-same tactics.

There one found the "tactic of

There one found the "tactic of generalization" in both its versions. In its positive version, Dr Young

That the "centre", which your writer so bappily identifies as Crosland-style "social democracy" (a variant of socialism) might actually strike some os a rectionary, neomorcantilist roversian disastrons for the prosperity and freedom of the hulk of the people, is apparently quito incomprehensible to lilm, Morcover, ho even feels that bodies such as the allegelly "right-wing" Institute for the Study of Conflict, slands not he token "seriously". Might we ask why non-Moraist/Socialists should not receive the honour of perticipation in academic dialague so readily grunted their apponents?

Yours fuitbfully, Cifels R. TAME, 60 Hopton Read,

in the validity of statistical states as fact, and we imply that the fact for ooc community in tomotrow.

In Young argues that within our in present time, we are asked to reper sent time, and the refered comments at the present time, we are asked to reper sent time, and the refered comments at the refered

The fact that Shockley has advecated engenic measures, even if this is the motivation for his interest in the increditability of interest in the intereditability of interest in the intereditability of interest in the interest in face of a liberal majority. But since scholarship necessarily rests on the communication of ideas, it is essential that we should all safeguard the medium of that communication from the polintion of tabose who seek to distort it for tactical advantage.

ndvantago. Yours faithfully, P. A. J. WADDINGTON,

Doportment of Sociology, University of Rending.

Shr.—I was interested to learn of "Academic valves (sic) undermined by Marxist affensive". Presumebly the photograph beneath the heading was of one such volve in the person of Professor Julius Gould, a view given credence by the dictionary definition of same: "A device... to control the passage of air stream, water or the like acting eutomatically by yielding to pressure in one direction only". That direction is, needless to specify, from the right. Yours faithfully, MICHAEL WESTLAKE, 121 Lapwing Lane.

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